

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Brocade-01	E	ii	Abstract	The abstract should add be rewritten to: "This standard describes the frame format and protocol definitions required to transfer commands and data between a SCSI (Small Computer System Interface) initiator and target using the Fibre Channel family of standards. The second version added optional retransmission, task ordering, and confirmation capabilities. This third version incorporates bi-directional commands, removes information that is now contained in other standards, and describes additional error recovery capabilities for the Fibre Channel Protocol."	Make requested changes		
Brocade-02	E	xv	Foreword	This document is not BSR INCITS 350. This text should have a nice big TBD with indicators about filling this in afterwards.	Make requested changes	Accepted	Done
Brocade-03	E	5	3.2	The paragraph format for FC-FS-2 should be adjusted for the proper paragraph indent.	Make requested changes		
Brocade-04	E	43	9.2.2	The text of the second paragraph uses the phrase "(i.e., each FCP_DATA IU shall begin on a word boundary)." There is no definition of a word or of a word boundary in the document. I believe that the phrase should either be stricken or replaced with the words "(i.e., the two low-order bits of FCP_DATA_RO shall be zero.)"	Make requested changes	Accepted in principle. See HP-06.	Done
Brocade-05	E	22	3.1	The word "word" is used several times throughout the document, but there is no glossary definition for the word.	Add a glossary entry for the word "word" as follows: "word: a grouping of 4 bytes (32 bits) with a location beginning on a 4-byte boundary with respect to the beginning of an IU and treated as a unit."	Accepted in principle. See HP-06.	Done
Brocade-06	E	many	many	"can" should in all cases be replaced with "may".	Make requested changes		

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Brocade-07	E	26	6.3.1	The fourth paragraph should be corrected to read: "An accept response code indicating other than REQUEST EXECUTED (see 6.3.5 and FC-LS) shall be provided if the PRLI Service Parameter page is incorrect or if the requested image pair is not established.	Make requested changes		
Brocade-08	E	93	C.1	In C.4, C.11, and C.12, the word "cannot" should be replaced with "shall not". While I recognize that annexes do not show normative behavior, the words in these cases are used to describe behavior that is absolutely prohibited by this and other standards.	Make requested changes		
Brocade-09	E	many	many	The word "which" should be examined for proper usage in each of the places it is used and corrected to be removed, replaced with "that", to have the sentence rewritten, or to be unchanged depending on the correct meaning and according to the proper writing style guides.	Make requested changes		
CNT-01	T		7.2	Specify "An FCP_Port shall register its FC-4 Features object ..."		Accepted. "An FCP_Port shall register its FC-4 Features object with a Name Server using the RFF_ID Request CT_IU, which provides the FC-4 Features object as one of the parameters in the RFF_ID Request CT_IU."	Done
Emulex-01		2	3.1.1	Access controls are not referenced in FCP-3. Remove the definitions related to access controls in 3.1.1, 3.1.2, and 3.1.3.		Accepted	Done

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Emulex-02	T	11	4.2	<p>It appears that between 6.3.4 and 10.2.10, there isn't really any way to suppress first burst transfer that is outside the scope of FCP-3. Change the</p> <p>first full sentence at the top of page 11 to "If the initiator and target have negotiated to disable the initial transfer ready (see 6.3.4), the initiator shall send an initial FCP_DATA IU after sending the FCP_CMND IU without transferring sequence initiative to the target (see 10.2.10), and the target shall process the initial FCP_DATA IU without having first sent an FCP_XFER_RDY IU."</p>		Accepted. Change sentence to "If the initiator and target have negotiated to disable the initial transfer ready (see 6.3.4), a first burst shall be transferred (see 10.2.10).	Done
Emulex-03	T		4.2	<p>It appears that between 6.3.4 and 10.2.10, there isn't really any way to suppress first burst transfer that is outside the scope of FCP-3. Change the</p> <p>last sentence of the third paragraph on page 11 to "If the initiator and target have negotiated to disable the initial transfer ready (see 6.3.4), the</p> <p>initiator shall send an initial FCP_DATA IU after sending the FCP_CMND IU without transferring sequence initiative to the target (see 10.2.10), and the</p> <p>target shall process the initial FCP_DATA IU without having first sent an FCP_XFER_RDY IU."</p>		Accepted. Change sentence to "If the initiator and target have negotiated to disable the initial transfer ready (see 6.3.4), a first burst shall be transferred (see 10.2.10).	Done
Emulex-04	T	19	4.14	<p>Since this subclause allows implicit PRLI, it should say "The Process Login (PRLI) ELS may be used to establish the FCP operating relationships..."</p>		Accepted. Change to "Process Login (PRLI) is used to establish the FCP operating relationships..." Also apply to second sentence.	Done

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Emulex-05	E	19	4.15	This subclause describes Link Management. Its last sentence is "Implicit login functions are allowed", which looks like it belongs at the end of the first paragraph of subclause 4.13 on Port Login/Logout.			
HP-01			3.1.29/60	initiator/target port identifier. In FCP-3 these terms are each equal to an "address identifier" and should have a more precise definition.		Accepted. Change to "3.1.29 initiator port identifier: An address identifier (see 3.1.5) that a SCSI target port uses to identify the SCSI initiator port (see SAM-3)." Also change 3.1.60 definition.	Done
HP-02			4.9 Table 3	might be able to map SAM-4's I_T NEXUS RESET task management function to Process Login		Rejected. May be taken up in FCP-4.	Done
HP-03			4.9 Table 3	CLEAR ACA is not really "optional" - it's mandatory or not. Since that decision is really up to SAM-3, maybe the Support column should be removed.		Accepted. Remove Support column and note 2.	Done
HP-04	E		5.1	This section should map the SAM-3 terms "initiator port identifier" and "target port identifier" to the address identifier, or at least cross reference A.1 that does so.		Accepted. See HP-01.	Done
HP-05	E		5.2	This section should map the SAM-3 terms "initiator port name" and "target port name" to the Port_Name. (or do so in A.1 and cross reference from here). Also add those terms to the 3.x Definitions.		Accepted in principle. Editor to research.	
HP-06			5.4.1 Table 8	should be a definition in 3.xx that word means 32 bits in this standard		Accepted in principle. Use FC-FS-2 defintion and reference FC-FS-2.	Done

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HP-07			6.2	In this "In addition, a target that receives an FCP_CMND IU from an Nx_Port that is logged in but does not have an image pair with that target, shall discard the FCP_CMND IU and respond with an explicit PRLO (see 12.6)." the "logged in" is confusing, since all previous uses of the phrase in this section concern process login but this appears to be discussing port login. Also, there should be no comma before "shall"		Accepted. Change to "In addition, a target that receives an FCP_CMND IU from an Nx_Port that has successfully completed PLOGI, but does not have an image pair with that target, shall discard the FCP_CMND IU and respond with an explicit PRLO (see 12.6)."	Done
HP-08			6.4	This section doesn't define the FCP Service Parameter page for PRLO.		Rejected. Reader is referred to FC-LS.	Done
HP-09			9.1.2.1	"target shall report that the logical unit number is not valid or that the logical unit is not installed as defined by SPC-3". SAM-3 has most of the rules nowadays; SPC-3 just has rules for INQUIRY, REQUSET SENSE, and REPORT LUNS.		Accepted. Remove reference to SPC-3.	Done
HP-10			9.1.2.4	for SAS, I got rid of the Priority code column in 04-376r1. You should consider the same changes for FCP-3.		Accepted. Remove column and modify text in 9.1.2.3 as "9.1.2.3 PRIORITY field The PRIORITY field specifies the relative scheduling of this task in relation to other tasks already in the task set for processing by the device server (see SAM-3). If the TASK ATTRIBUTE field contains a value other than SIMPLE, then this field is reserved."	Done

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HP-11			9.1.2.5	LOGICAL UNIT RESET section, CLEAR TASK SET section - These sections have wording like "A unit attention condition is created for all initiators..." It's actually created for all I_T nexuses not just all initiators. I recommend leaving that level of description up to SAM-3 - FCP-3 shouldn't say anything about it.		Accepted, offending text was removed in CLEAR TASK SET section, but I don't see the offending text in LU Reset section.	Done
HP-12			A.5.2	how does FCP-3 implement Data-In Delivered? Section A.5.2 mentions how Send Data-In is mapped but Data-In Delivered has no text.		Accepted in principle. Remove text from A.2 on down.	Done
HP-13			C.1	usually figure numbers are below rather than above the figures		Rejected. Figure numbers on top in this context is beneficial.	Done
HPQ-01		16	Introduction	Delete "at data rates from 265 Mbits up to 10 Gbits per second" since that will become obsolete.			
HPQ-02		16	Introduction	Change "The Fibre Channel Protocol for SCSI, Third revision (FCP-3) standard" to "This standard"			
HPQ-03		16	Introduction	Change "Fibre Channel Protocol for SCSI, Third Version (FCP-3) standard" to "This standard"			
HPQ-04		18	1 Scope	Change "the SCSI-3 Architecture Model - 3 (SAM-3)." to "SCSI Architecture Model - 3 (SAM-3)"		Accepted	Done
HPQ-05		19	3.1.1 access controls	Delete unused term: 3.1.1 access controls: Mechanisms allowing a managing application client to control the set of initiators that have access to a target. The access control is enforced by the target (see SPC-3).		Accepted	Done
HPQ-06		19	3.1.2 access controls data:	Delete unused term 3.1.2 access controls data: Information sent to the target by the managing application client that is used by the target to control the set of initiators that have access to the target (see SPC-3).		Accepted	Done

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HPQ-07		19	3.1.3 access controls enrollment state	Delete unused term 3.1.3 access controls enrollment state: A state established in the target by the managing application client. The state governs the behavior of the target in controlling the set of initiators that have access to the target (see SPC-3)		Accepted	Done
HPQ-08		19	3.1.4 acknowledged class	Change "Acknowledged classes of service include Class 1, Class 2, and Class 4 service" to "(e.g., Class 1, Class 2, and Class 4)"			
HPQ-09		19	3.1.4 acknowledged class	Add a definition: 3.1.xx unacknowledged class: Any class of service that does not acknowledge transfers (e.g., Class 3)(see FC-FS-2).			
HPQ-10		19	3.1.5 address identifier	used to identify source s/b "used to identify the source"			
HPQ-100		60	9.2.3 FCP_BURST_LENGTH field	Change "disconnect-reconnect page of MODE SELECT and MODE SENSE commands. See 10.2.7." to "Disconnect-Reconnect mode page (see 10.2.7)"			
HPQ-101		60	9.2.2 FCP_DATA_RO field	Change "disconnect-reconnect page of the MODE SELECT and MODE SENSE commands (see 10.2)." to "Disconnect-Reconnect mode page (see 10.2.7)"			
HPQ-102		60	9.2.2 FCP_DATA_RO field	Change "0 modulo 4" with "a multiple of 4". As written, it could either mean: (fcp_data_ro mod 4) = 0 (the intended meaning) fcp_data_ro = (0 mod 4) = 0			
HPQ-103		61	9.3.1 FCP_DATA IU overview	"If more than one FCP_DATA IU is used... the relative offset ... is used" This implies the relative offset is only used in the first FCP_DATA frame in a FCP_DATA IU. Is that the case, or must it be set correctly in each data frame? If the latter, then more rules are needed saying so.			

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HPQ-104		61	9.3.1 FCP_DATA IU overview	<p>Add some text like this to explain that FCP DATA IU means the entire sequence of solicited data frames, not an individual frame:</p> <p>An FCP_DATA IU is a sequence (see 5.3) of one or more solicited data frames.</p> <p>The last frame of an FCP_DATA IU for a write operation transfers Sequence Initiative. The last frame of an FCP_DATA IU for a read operation holds Sequence Initiative.</p>			
HPQ-105		61	9.3.1 FCP_DATA IU	Class of Service s/b "class of service"			
HPQ-106		61	9.3.1 FCP_DATA IU	<p>Change: the target shall post the error code "FCP_DATA Parameter mismatch with FCP_DATA_RO" in the FCP_RSP_INFO field of the FCP_RSP IU.</p> <p>to: the target shall return an FCP_RSP IU with the RSP_CODE field set to 03h (i.e., FCP_DATA parameter mismatch with FCP_DATA RO).</p>			
HPQ-107		61	9.3.1 FCP_DATA IU overview	Change "parameters of the disconnect-reconnect page of the MODE SENSE and MODE SELECT commands" to "Disconnect-Reconnect mode page" globally. Add "(see 10.2)" after the first use in each section.			
HPQ-108		61		<p>the PRLI FCP Service Parameters specify WRITE FCP_XFER_RDY DISABLED"</p> <p>to</p> <p>"If the WRITE FCP_XFER_RDY DISABLED bit is set to one in the PLRI FCP Service Parameter page (see 6.3)"</p>			

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HPQ-109		61	9.3.1 FCP_DATA IU	<p>Change: "PRLI service parameter DATA OVERLAY ALLOWED for the initiator is zero,"</p> <p>to: "DATA OVERLAY ALLOWED bit is set to one in the PLRI FCP Service Parameter page (see 6.3)"</p>			
HPQ-11		19	3.1 Definitions	<p>If a cross reference like "(see SAM-3)" applies to the whole term being defined, I recommend using ". See SAM-3." rather than "(see SAM-3)". Use the parenthesis style only when the cross-reference applies to the object in front of the parenthesis.</p> <p>For example, this would mean to see SAM-3 for more info on "command": command: A request describing a unit of work to be performed by a device server. See SAM-3.</p> <p>while this would mean to see it for more info on "device server": command: A request describing a unit of work to be performed by a device server (see SAM-3).</p>			
HPQ-110		61		<p>EMDP bit in the disconnect-reconnect page (see 10.2) of the MODE SELECT and MODE SENSE commands."</p> <p>to "the EMDP bit in the Disconnect-Reconnect mode page (see 10.2)."</p>			
HPQ-111		62	9.3.2 FCP_DATA IUs	<p>Add paragraph break between "target. The initiator" since the rest of the paragraph is not only applicable during first bursts.</p>			

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HPQ-112		62	9.3.2 FCP_DATA IUs	Clarify that commands that fail with protocol-level errors ("the amount of data requested or transferred does not match the number of bytes calculated from FCP_DL and FCP_RESID...") need to result in CHECK CONDITION status rather than GOOD status if the recovery procedures fail.			
HPQ-113		63	9.4.1 FCP_RSP IU	<p>"The FCP_RSP IU shall return the completion status of all task management functions using the FCP_RSP_INFO field.</p> <p>"all task management functions" is too broad. An ABORT TASK task management function does not involve an FCP_RSP IU.</p> <p>Change to: The target shall send a FCP_RSP IU for each task management function delivered with an FCP_CMND IU, indicating the completion status of the task management function in the RSP_CODE field.</p>			
HPQ-114		64	9.4.1 FCP_RSP IU overview	<p>Table 22</p> <p>After "FCP_RSP_INFO (m bytes long)" add "(if any)(see table 23 in 9.4.16)"</p>			
HPQ-115		64	9.4.1 FCP_RSP IU overview	<p>Table 22</p> <p>Delete (MSB) and (LSB) from FCP_SNS_INFO, since it has substructures</p>			
HPQ-116		64	9.4.1 FCP_RSP IU overview	<p>Table 22</p> <p>Delete (MSB) and (LSB) from FCP_RSP_INFO, since it has substructures</p>			
HPQ-117		64	9.4.1 FCP_RSP IU overview	<p>Table 22</p> <p>After "FCP_SNS_INFO (n bytes long)" add "(if any)"</p>			
HPQ-118		64	9.4.1 FCP_RSP IU overview	<p>Table 22</p> <p>After "FCP_BIDIRECTIONAL_READ_RESID" add "(if any)"</p>			

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HPQ-119		64	Global including Table 22	In tables, change "RESERVED" from smallcaps to "Reserved" in mixed case			
HPQ-12		20	3.1.15 Destination_Identifier	Change "Destination_Identifier" to "Destination_Identifier (D_ID)"			
HPQ-120		64	9.4.3 FCP_BIDI_RSP	"are present." is accurate when referring to the FCP_BIDIRECTIONAL_READ_RESID field, which may or may not be in the IU (the IU is truncated if not present). The FCP_BIDIR_READ_RESID_UNDER and _OVER bits are always present, though. They're just "set to zero" if FCP_BIDI_RSP is set to zero.			
HPQ-121		65	9.4.8 FCP_RESID_OVER	"The application client should examine the FCP_RESID field" This permissive wording might be part of the reason some HBAs don't always notice overflows/underflows. Upgrade to "shall"			
HPQ-122		65	9.4.7 FCP_RESID_UNDER	"The application client should examine the FCP_RESID field" This permissive wording might be part of the reason some HBAs don't always notice overflows/underflows. Upgrade to "shall"			
HPQ-123		66	9.4.12 FCP_RESID field	Reorder the text to put all the underflow sentences together and all the overflow sentences together.			
HPQ-124		67		The number shall be 4, or 8." to "The FCP_RSP_LEN field shall be set to either 00000004h or 00000008h.			
HPQ-125		67	9.4.15 FCP_RSP_LEN	Delete "Other values of length are reserved for future standardization." which is true of every field which has undefined values. (matching a comment received in SAS letter ballot)			

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HPQ-126		68		Change: indicates "Task Management function failed" to: "is set to 05h (i.e., task management function failed)"			
HPQ-127		68		Values 04h and 05h are not valid responses to SCSI commands. Replace this sentence with a footnote in the table for 04h, 05h, and 09h that says: "Only valid when responding to a task management function"			
HPQ-128		68	9.4.16 FCP_RSP_INFO field	Table 24 "Task Management" s/b "Task management" 4 times			
HPQ-129		68	9.4.16 FCP_RSP_INFO field	Table 24 Parameter s/b parameter			
HPQ-13		22	3.1.54 Source_Identifier	Change "Source_Identifier" to "Source_Identifier (S_ID)"			
HPQ-130		68		Table 23 "RESERVED" in bytes 4-7 Add "(if any)", since the length is allowed to be 4 rather than 8 in 9.4.15.			
HPQ-131		70	10.1 Mode page code overview	Table 25 Capitalize R in "reconnect"			
HPQ-132		70	10.1 Mode page code overview	Table 25 Change "page" to "mode page" in each row in this table			
HPQ-133		70	10.2.1 Disconnect-Reconnect mode page	disconnect-reconnect page s/b "Disconnect-Reconnect mode page"			
HPQ-134		70	10.1 Overview of mode page codes	Delete "block descriptors and the"			
HPQ-135		70	10.1 Overview of mode pages	Change "pages" to "mode pages"			
HPQ-136		70	10.1 Overview of mode pages	Change "mode page codes" to "mode pages"			

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HPQ-137		71	10.2.1 Disconnect-reconnect mode page	Change "FC-AL-2 loops" to "arbitrated loops (see FC-AL-2)"			
HPQ-138		71	10.2.1 Disconnect-Reconnect	Table 26 "Disconnect-reconnect page" s/b "Disconnect-Reconnect mode page"			
HPQ-139		72	10.2.7 MAXIMUM BURST SIZE field	Change "transfer to the initiator or request from the initiator." to "transfer to the initiator in a single Data-In FCP_DATA IU or request from the initiator in an FCP_XFER_RDY IU."			
HPQ-14		22	3.2 Abbreviations D_ID row	(see FC-FS-2) s/b "(see 3.1.15)"			
HPQ-140		73	10.2.8 EMDP bit	Clarify that for bidirectional commands, EMDP applies independently to the read data and the write data. With EMDP=0, the read sequences must be in order with relation to themselves and the write sequences must be in order with relation to the write sequences, but there is no read-to-write sequence ordering requirement affected by this bit. (a given command may have certain requirements for interleaving or not, but EMDP doesn't override those)			
HPQ-141		73	10.2.9 FAA, FAB, FAC bits	Change "in a loop configuration" to "attached to an arbitrated loop (see FC-AL-2)"			
HPQ-142		73	10.2.9 FAA, FAB, FAC bits	"The FAB bit controls arbitration when the initiator wishes to send one or more FCP_XFER_RDY IU frames to a target." is wrong. The initiator does not send FCP_XFER_RDY frames. This should probably be "when the target wishes to send...to an initiator." IBM will probably complain about "wishes" too.			

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HPQ-143		73	10.2.9 FAA, FAB, FAC bits	<p>"or when the initiator wishes to send an FCP_CMND IU frames to target."</p> <p>How does a mode page field, by definition in a target device, place a requirement on an initiator?</p> <p>Perhaps this means if the target port is really a target/initiator port, it controls the functionality of the initiator role?</p>			
HPQ-144		73	10.2.10 FIRST BURST SIZE field	<p>Change "write transfer ready is disabled" to "WRITE FCP_XFER_RDY DISABLED (smallcaps) is negotiated as being set to one in the PRLI FCP Service Parameter page (see 6.3.4)".</p> <p>Or in 6.3.4 define 'write transfer ready" and just add "(see 6.3.4)" here.</p> <p>Also change similar wording multiple times in this section</p>			

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HPQ-145	T	74	10.4.1 FC Port Control mode page	Remove "The page shall not be implemented by logical units other than LUN 0." Any logical unit should be allowed to implement this if it wants.		Accepted. Modify text to indicate the parameters have a policy of per target port. The Fibre Channel Port Control mode page contains those parameters that select FCP_Port operation options. The mode page policy shall be per target port (see SPC-3). The page shall be implemented by logical unit 0 and may be implemented by logical units other than logical unit 0. The implementation of any bit and its associated functions is optional. The page follows the MODE SENSE and MODE SELECT command rules specified by SPC-3.	Done
HPQ-146		74	10.3 FC LU Control mode page	"CRN field" Change CRN to small caps. Add "in the FCP_CMND IU (see 9.1.2.2)"			
HPQ-147		74	10.4.1 FC Port Control mode page	Change "The page" to "This mode page" throughout the paragraph			
HPQ-148		74	10.4.1 FC Port Control mode page	Change "page" to "mode page" throughout the section			
HPQ-149		75	10.4.4 ALWLI bit	Change "Single Connector Attach - 2 (SCA-2) SFF-8067 connector" to "SCA-2 connector (see SFF-8067)"			
HPQ-15		23	3.2 Abbreviations S_ID row	(see FC-FS-2) s/b "(see 3.1.54)"			
HPQ-150		75	10.4.4 ALWLI bit	Change "FC-AL-2 loop" to "arbitrated loop (see FC-AL-2)"			

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HPQ-151		75	10.4.2 DTOLI bit	Change "by an arbitrated loop" to "to an arbitrated loop (see FC-AL-2)"			
HPQ-152		75	10.4.3 DTIPE bit	Change "arbitrated loop" to "arbitrated loop (see FC-AL-2)"			
HPQ-153		75	10.4.5 RHA bit	Change "arbitrated loop" to "arbitrated loop (see FC-AL-2)"			
HPQ-154		76	10.4.6 DLM bit	Change "FC-AL-2 loop" to "arbitrated loop (see FC-AL-2)"			
HPQ-155		76	10.4.8 PLPB bit	Change "FC-AL-2 loop" to "arbitrated loop (see FC-AL-2)"			
HPQ-156		76	10.4.7 DDIS bit	Change "arbitrated loop" to "arbitrated loop (see FC-AL-2)"			
HPQ-157		76	10.4.9 DTFD bit	Change "by an arbitrated loop" to "to an arbitrated loop (see FC-AL-2)"			
HPQ-158		77	10.4.10 RR_TOVseq_init	Change RR_TOV_SEQ_INIT to small caps and smallcaps/subscript (twice above table 29)			
HPQ-159		78	11.1 Timers	Table 30 Use double-line above notes			
HPQ-16		23	3.2 Abbreviations IU row	(see FC-FS-2) s/b "(see 3.1.27)"			
HPQ-160		79	11.3 R_A_TOV	"following receipt of the BA_ACC to ABTS" is unclear. Maybe "following receipt of the BAA_ACC response to ABTS"?			
HPQ-161		81	12.1.2 Sequence level error recovery	There should be a cross-reference to 12.4 somewhere in 12.1.2 since that's where the details are provided. There should also be a reference to 12.5, since that is at the same level and it is apparently used by the recovery described in 12.4.			
HPQ-162		82	12.2.3 Error detection mechanism	Twice on the page: "b) ... no ACK has been received for FCP_DATA IU(s)" implies that each FCP_DATA IU is a frame (since each frame is ACKed). Change to "ACKs have not been received for all the frames in an FCP_DATA IU".			

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HPQ-163		82	12.2.3 Error detection mechanisms	classes of Service s/b "classes of service"			
HPQ-164		82	12.2.2 FCP-3 error detection for all classes	read-type command s/b "read command"			
HPQ-165		83	12.3.1 Recovery abort requirements	Change "Sequence level error recovery." to "sequence level error recovery."			
HPQ-166		83	12.3	Change "Exchange level recovery" to "exchange level error recovery"			
HPQ-167		83	12.3.1 Recovery abort requirements	Change requirements to overview			
HPQ-168		84	12.3.4 Additional error recover by initiator	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-169		84	12.3.5 Additional error recovery by target	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-17		23	3.2 Abbreviations	Add: ABTS Abort Sequence (see FC-FS-2) FCP_RJT FCP FC-4 Link Service Reject link service (see 8.3) PRLI Process Login ELS (see 6.3 and FC-LS) PRLO Process Logout ELS (see 6.4 and FC-LS) REC Read Exchange Concise ELS (see 6.5 and FC-LS) SRR Sequence Retransmission Request link service (see 8.2)			
HPQ-170		85	12.4.1.3 FCP_CMND IU recovery	"see figure C.1 and figure C.2" can probably also reference C.3 (acknowledged classes), so change to "see figure C.1, figure C.2, and figure C.3."			
HPQ-171		85	12.4.1 Using information from REC	Change "Sequence level recovery" to "sequence level error recovery" in header			
HPQ-172		85	12.4.1.3 FCP_CMND IU recovery	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-173		85	12.4.1.4 FCP_XFER_RDY IU recovery	Change "Sequence level recovery" to "sequence level error recovery"			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-174		85	12.4.1.3 FCP_CMND IU recovery	Delete "using information from REC" which is not in the other 12.4.1.x titles			
HPQ-175		86	12.4.1.5 FCP_RSP IU recovery	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-176		87	12.4.1.6 FCP_DATA IU recovery - write	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-177		87	12.4.1.8 FCP_CONF IU recovery	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-178		87	12.4.1.7 FCP_DATA IU recovery - read	Change "Sequence level recovery" to "sequence level error recovery"			
HPQ-179		89	12.5 Second-level error recovery	In each of the 12.5.x titles, add the word "recovery" or "error recovery" e.g. 12.5.1 ABTS error recovery			
HPQ-18		23	3.2 Abbreviations	in PLOGI, change "Extended Link Service" to "ELS"			
HPQ-180		90		Annexes When creating the .pdf file, include the annex titles in the bookmarks			
HPQ-181		92	A.4 Send SCSI Command	Send SCSI command is 1 of the 4 steps, it is not a four-step service itself.			
HPQ-182		93	A.6 title	services s/b "function SCSI transport protocol services"			
HPQ-183		93	A6. Task management services	Describe the SCSI transport protocol services (Send Task Management Request, Task Management Request Received, etc.) defined in SAM-4 and how they are implemented by FCP-3			
HPQ-184		96	B.1.2 and B.1.5	Remove B.1.2 and move B.1.5 into its place.			
HPQ-185		97	Tables B.6, B.7, B8	Show multiple FCP_XFER_RDY frames (and corresponding write FCP_DATA frames) as well. Show multiple read FCP_DATA frames.			
HPQ-186		97	B.1.7	Table B.6 End table with doubleline			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-187		97	B.1.8	Table B.7 End table with doubleline.			
HPQ-188		98	B.1.9	Table B.8 End table with doubleline.			
HPQ-189		99	B.1.10	Table B.9 End table with doubleline.			
HPQ-19		23	3.2 Abbreviations	In FLOGI, change "Extended Link Service" to "ELS"			
HPQ-190		101	B.1.12	Table B.11 End table with doubleline.			
HPQ-191		102	B.2 write example	Figure B.1 Line up each "ACK" with its arrow There is room to make this figure wider.			
HPQ-192		102	B.2 FCP write, frame level	Figure B.1 Change "write I/O operation" to "write operation"			
HPQ-193		104	B.3 FCP read example	Figure B.3 Change "read I/O operation" to "read operation"			
HPQ-194		104	B.3 FCP read example	Figure B.3 Add [and] like in figure B.1 identifying the scope of the sequences. Line up the arrows better.			
HPQ-195	T	110	C.1 Introduction	Figure C.4 Does anything prevent the target from sending an FCP_XFER_RDY after the ACK? The target doesn't know the ACK was lost...		Accepted. Nothings prevents the target from sending the FCP_XFER_RDY. No change made.	Done
HPQ-196		114	C.1 Introduction	Figure C.8 can s/b may			
HPQ-197		114	C.1 Introduction	Figure C.8 Change "Sequence level recovery" to "sequence level error recovery"			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-198		114	C.1 Introduction	Figure C.8 Change "Exchange level recovery" to "exchange level error recovery"			
HPQ-199		129	C.1 Introduction	Figure C.23 can s/b may			
HPQ-20		23	3.2 Abbreviations	In LOGO, change "Extended Link Service" to "ELS"			
HPQ-200		140	D.1.1 item 8)	Change "device" to "peripheral device"			
HPQ-201		142	E.2.1 ABTS	Table E.1 Add another horizontal line between Bit 0=0 and Bit 0 = 1			
HPQ-202		143	Table E.2	Change validity to Validity			
HPQ-203		143		byte I think FC-FS-2 just uses "SEQ_ID" when referring to this			
HPQ-21		27	4.2 Device management	"Execute Command remote procedure call. (See SAM-3)." s/b "Execute Command procedure call (see SAM-3)."			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-22		27	4.2 Device management	<p>This is not quite right: "An application client begins an FCP I/O operation when it invokes an Execute Command remote procedure call. (See SAM-3). The Execute Command call conveys a single request or a list of linked requests from the application client to the FCP service delivery subsystem."</p> <p>Problems:</p> <ol style="list-style-type: none"> 1. Execute Command is now called a "procedure call," not a "remote procedure call" 2. Execute Command is a model for the collective operation of multiple SCSI transport protocol services. The application client doesn't invoke it, per se. 3. Task management functions also fall into the category of I/O operations <ul style="list-style-type: none"> - Execute Command only models commands. Each tmf has its own procedure call: ABORT TASK (), ABORT TASK SET(), etc. (see SAM-3 section 7.1) 4. In terms of protocol services, the application client invokes Send SCSI Command () or Send Task Management Request () 			
HPQ-23		27	4.2 Device management	After fixing the first sentences to cover task management functions too, change "one SCSI command" to "one SCSI command or task management function"			
HPQ-24		27	4.2 Device management	After fixing the first sentences to cover task management functions too, change "SCSI command" to "SCSI command or task management function"			
HPQ-25		27	4.2 Device management	<p>"The FCP_CMND IU payload is the Send SCSI Command protocol service request (see SAM-3)"</p> <p>The initiator port sends the FCP_CMND IU payload to implement the Send SCSI Command protocol service request.</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-26		27	4.2 Device management	Near "One FCP_DATA IU shall follow each FCP_XFER_RDY IU" clarify that each FCP_DATA IU contains one or more solicited data frames.			
HPQ-27		27	4.2 Device management	Change "Device management" to "FCP I/O operations"			
HPQ-28		28	4.2 Device management	INTERMEDIATE CONDITION MET s/b "INTERMEDIATE-CONDITION MET"			
HPQ-29		29	4.4 Precise delivery	<p>Change: "An application client may determine if a device server supports the precise delivery function by using the MODE SENSE and MODE SELECT commands to examine and set the enable precise delivery checking (EPDC) bit in the Fibre Channel Logical Unit Control page. See 10.3."</p> <p>to something like: "The ENABLE PRECISE DELIVERY CHECKING (EPDC) bit in the Fibre Channel Logical Unit Control mode page (see 10.3) indicates if precise delivery is enabled or disabled and may allow the application client to change the setting."</p>			
HPQ-30		30	4.4 Precise delivery	<p>d) "by receipt of ... an FCP_DATA IU"</p> <p>implies that the entire FCP_DATA IU must be received. Is that the case, or is receipt of the first frame in the FCP_DATA IU sufficient?</p>			
HPQ-31		30	4.4 Precise delivery	<p>"the application client places a one byte unsigned integer in the COMMAND REFERENCE NUMBER field of each command..."</p> <p>The application client provides the Command Reference Number argument to the Send SCSI Command protocol service; the initiator port puts it in the FCP_CMND frame.</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-32		30	4.4 Precise delivery	<p>item e) "in the order of increasing CRN, highest CRN last."</p> <p>needs to account for wrapping (if you receive commands with CRN 254, 255, 1, and 2, you don't assume that they were received in order 1, 2, 254, 255, which this statement says)</p>			
HPQ-33		30	4.4 Precise delivery	<p>a)b)c) list</p> <p>Use T10 style with ; endings</p>			
HPQ-34		30	4.5 Confirmed completion	<p>Change "PRLI parameters are used to determine that confirmed completion is accepted by an initiator and may be requested by a target communicating with that initiator."</p> <p>to something like: The CONFIRMED COMPLETION ALLOWED field in the FCP Service Parameter page for PRLI request (see 6.3.4) and accept (6.3.5) is used to negotiate use of confirmed completion.</p>			
HPQ-35		30	4.5 Confirmed completion	<p>Change "is provided by the confirmed completion function, optionally implemented by FCP-2 devices."</p> <p>to "may be provided by the optional confirmed completion function."</p>			
HPQ-36		30	4.5 Confirmed completion	FCP_CONF_REQ should be smallcaps			
HPQ-37		30	4.5 Confirmed completion	Change "A target may invoke" to "If the CONFIRMED COMPLETION ALLOWED field is set to one in the PRLI accept FCP Service Parameter page, the target may request"			
HPQ-38		31	4.5 Confirmed completion	After "INTERMEDIATE" add "or INTERMEDIATE CONDITION MET"			
HPQ-39		31	4.5 Confirmed completion	<p>above first a)b) list</p> <p>After "completion" add ":",</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-40		31	4.5 Confirmed completion	a)b) and a)b)c) list Use T10 style with ; endings			
HPQ-41		31	4.5 Confirmed completion	Change "Confirmed completion shall not be requested for" to "Targets shall not request confirmed completion for"			
HPQ-42		31	4.6 Retransmission	"as indicated by the PRLI bits," Specifically name the fields/bits			
HPQ-43		31	4.6 Retransmission	"unsuccessfully transmitted data" is in the title, and the text discusses data retransmission. However, clause 12 also discusses retransmission of FCP_CMND, FCP_XFER_RDY, etc. Consider removing "data"			
HPQ-44		32		Change "(REC and SRR)" to "(i.e., REC and SRR)"			
HPQ-45		32	4.8 Discovery of FCP caps	Table 2 Change all the references to "6.3.4" to "6.3". 6.3 points to the PRLI request only; really some of them apply to the PRLI accept.			
HPQ-46		32	4.8 Discovery of FCP caps	Table 2 For target overlay, change "MODE SENSE command" to "Disconnect-Reconnect mode page EMDP bit"			
HPQ-47		32	4.8 Discovery of FCP caps	Table 2 For initiator overlay, change "MODE SENSE command" to "Fibre Channel Logical Unit Control page EPDC bit" and the reference to "4.4 and 10.3"			
HPQ-48		32	4.8 Discovery of FCP caps	Table 2 For target overlay, change "MODE SENSE command" to "Fibre Channel Logical Unit Control page EPDC bit" and the reference to "4.4 and 10.3"			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-49		32	4.9 TMF	<p>Change: should end with an FCP_RSP IU completion status of Task Management function incorrect logical unit number (i.e., 09h) and may end with an FCP_RSP IU completion status of Task Management function complete (i.e., 00h)</p> <p>to: a) should end with an FCP_RSP IU with the RSP_CODE field set to 09h (i.e., task management function incorrect logical unit number); and b) may end with an FCP_RSP IU with the RSP_CODE field set to 00h (i.e., task management function complete);</p>			
HPQ-50		33	4.9 Task mgmt	<p>Table 3</p> <p>Add double lines below header row and above notes row</p>			
HPQ-51		34	4.10 Clearing effects	<p>Table 4 and table 5</p> <p>Change "N_Port or L_Port" to "FCP_Port" in the "PRLI parameters cleared" row.</p> <p>PRLI only applies to Nx_Ports, so the generic L_Port term (which includes NL_ and FL_ Ports) does not apply.</p>			
HPQ-52		34	4.10 Clearing effects	<p>Table 4 Clearing effects</p> <p>In "CRN (Command Reference Number) (set to one)" should be "CRN set to one"</p>			
HPQ-53		35	4.10 Clearing effects	<p>Table 5 Clearing effects</p> <p>"CRN (Command Reference Number) (set to one)" s/b "CRN set to one"</p>			
HPQ-54		37	5.2 Use of WWN	Delete "vital"		Accepted	Done
HPQ-55		37	5 FC protocol overview	Consider merging chapter 4 and 5. Chapter 5 seems to just continue describing general topics.			
HPQ-56		37	5.3 FCP Information Units (IUs)	Move 5.3 into clause 9 FCP Information Units formats			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-57		38	5.3 IUs	Table 6 Use double-line above notes			
HPQ-58		39	5.3 IUs	Table 7 Use double-line above notes			
HPQ-59		40	5.4.1 FC-FS-2 frame header	Right justify Bits Left justify Word			
HPQ-60		40	5.4 FC-FS-2 mappings to SCSI-3 functionality	This is an awkward name for the section defining the frame header. Rename this to "FC-FS-2 frame header" and 5.4.1 to "FC-FS-2 frame header overview"		Accepted	Done
HPQ-61		40	5.4 Frame header	Consider moving 5.4 into clause 9 by the rest of the frame definitions (the IU contents)			
HPQ-62		40	5.4.2.x	Add "field" after each title (already in 5.4.2.12 parameter field)			
HPQ-63		41	5.4.2.12 PARAMETER field	After "task retry identification" add "(see 4.7)"			
HPQ-64		42	6.1 Link service requirements	Change: "Process Login and Process Logout ELSs defined by FC-LS, the Process Login FCP Service Parameter pages defined in this standard, and the Read Exchange Concise ELS" to "PRLI and PRLO ELSs defined by FC-LS, the PRLI FCP Service Parameter pages defined by 6.3, and the REC ELS"			
HPQ-65		42	6.2 Overview of PRLI/PRLO	Change "the following subclauses" to "6.3.4 and 6.3.5"			
HPQ-66		42	6 FCP link service definitions 8 FC-4 Link Service definitions	Consider combining clause 6 and clause 8 since they both discuss link services			
HPQ-67		44	6.3.4 Process Login request page format	Change "Process Login" to "PRLI"			
HPQ-68		44	6.3.4/5	Are these pages also used by PRLO in 6.4? If so rename them to not include PRLI/"Login"			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-69		45	6.3.4 FCP service parameter page	<p>word 3, bit 9</p> <p>Change "the task retry identification function" to "task retry identification" globally.</p> <p>Add "(see 4.7)" after the first one in each section.</p>			
HPQ-70		47	6.3.4 Process Login accept page format	Change "Process Login" to "PRLI"			
HPQ-71		48	6.4 PRLO	<p>"The ACC shall present a response FCP Service Parameter page for the request FCP Service Parameter page."</p> <p>Where are these page formats defined? In they mean 6.3.4/6.3.5 then the names need to be changed to reflect PRLO also uses them. Add cross references and make sure naming is consistent.</p>			
HPQ-72		50	8.1 FC-4 Link Services	Expand the paragraph into one paragraph per field			
HPQ-73		51	8.2 SRR	<p>Table 13</p> <p>Words s/b Word</p>			
HPQ-74		51	8.2 SRR	<p>Table 14</p> <p>Words s/b Word</p>			
HPQ-75		52	8.3 FCP_RJT	<p>Table 15</p> <p>Words s/b Word</p>			
HPQ-76		54	9 lus	<p>Since an FCP_DATA IU can be spread out over multiple frames, does that mean an FCP_CMND IU, FCP_XFER_RDY IU, or FCP_RSP IU can also be delivered in multiple frames?</p> <p>If not, there should be a statement in each section saying so.</p>			
HPQ-77		54	9.1.1 FCM_CMND IU format	<p>Table 18</p> <p>After "ADDITIONAL FCP_CDB" add "(if any)"</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-78		54	Table 18	Remove (MSB) and (LSB) from FCP_CDB and ADDITIONAL FCP_CDB fields. They have substructures.			
HPQ-79		54	9.1.1 FCP_CMND IU	Change: an FCP_RSP IU containing a RSP_CODE field set to "FCP_CMND Fields Invalid". to: an FCP_RSP IU with the RSP_CODE field set to 02h (i.e., FCP_CMND fields invalid)			
HPQ-80		54	9.1.2.1 FCP_LUN field	Change: "address of the destination logical unit in the attached subsystem. See SAM-3." to: "address of the logical unit (i.e., the logical unit number)(see SAM-3)."			
HPQ-81		55	9.1.2.1 FCP_LUN field	Change "If the addressed logical unit does not exist, the target shall report that the logical unit number is incorrect or that the logical unit is not installed (see SAM-3 and SPC-3)." to: "If the addressed logical unit does not exist, the task manager shall follow the rules for selection of incorrect logical units defined in SAM-3"			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-82		56	9.1.2.5 TM FLAGS field	<p>Table 20 - TASK MGMT FLAGS</p> <p>Since more than one function at a time is prohibited, change this from a bit-by-bit table to an encoded value table:</p> <p>Code Task management function 40h CLEAR ACA 20h Obsolete 10h LOGICAL UNIT RESET 04h CLEAR TASK SET 02h ABORT TASK SET All others Reserved</p> <p>and adjust the wording above the table to reflect the change (e.g. say "field is set to a nonzero value" rather than "any bit is set to one")</p>			
HPQ-83		56	9.1.2.5 TM Flags field	<p>CLEAR ACA description</p> <p>Change: the normal Task Management function complete RSP_CODE shall be contained in the returned FCP_RSP IU."</p> <p>to: The FCP_RSP IU shall contain a RSP_CODE field set to 00h (i.e., task management function complete).</p>			
HPQ-84		56	9.1.2.5 TM FLAGS field	<p>Change: the FCP_RSP IU that indicates completion of the task management function shall contain a RSP_CODE field set to "FCP_CMND fields invalid".</p> <p>to: the FCP_RSP IU shall contain the RSP_CODE field set to 02h (i.e., FCP_CMND fields invalid).</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-85		56	9.1.2.4 TASK ATTRIBUTE field	<p>Delete "SIMPLE requests that the task be managed according to the rules for a SIMPLE task attribute. HEAD OF QUEUE requests that the task be managed according to the rules for a HEAD OF QUEUE task attribute. ORDERED requests that the task be managed according to the rules for an ORDERED task attribute. Mechanisms to assure delivery of commands to a device server in the correct order are described in 4.4. ACA requests that the task be managed according to the rules for an automatic contingent allegiance (ACA) task attribute." since table 19 already says that.</p>			
HPQ-86		56	9.1.2.5 TASK MANAGEMENT FLAGS field	TASK ATTRIBUTES field s/b "TASK ATTRIBUTE field"			
HPQ-87		57	9.1.2.5 TM Flags field	TASK ABORTED completion status s/b "the TASK ABORTED status"			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-88		57	9.1.2.5 TASK MANAGEMENT FLAGS field	<p>LU RESET description</p> <p>"A task for an initiator other than the initiator that sent the LOGICAL UNIT RESET may be ended in the target. The initiator for that task shall determine by a timeout that the task did not finish. Subsequent retries fail because the task resources have been cleared in the target, so the initiator shall clear the Exchange resources with a recovery abort sequence. See 12.3."</p> <p>The "may" is incorrect - the target <u>must</u> end tasks for other initiators according to SAM-3. This text is discussing details that are best left to SAM-3.</p> <p>This text might be trying to describe the ramifications of the SAM-3 rules; reword more as a note if that is the case.</p>			

Company-#	T/E	Phy Page	Sec/table/figure locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-89		57	9.1.2.5 TASK MANAGEMENT FLAGS field	<p>LU RESET description</p> <p>"A task for an initiator other than the initiator that sent the LOGICAL UNIT RESET may be completed by returning CHECK CONDITION status with the sense key set to UNIT ATTENTION and the additional sense code set to POWER ON, RESET, OR BUS DEVICE RESET OCCURRED. The initiator shall then clear all other tasks for that target and logical unit using the ABORT TASK task management function. See 9.1.3."</p> <p>This is all material covered by SAM-3 and shouldn't be mentioned here. Some problems with the above text: * SAM-3 allows more additional sense code options (e.g. POWER ON OCCURRED or BUS DEVICE RESET FUNCTION OCCURRED) * the logical unit _must_ create a unit attention condition - there's no "may" about it * it's not necessary for the initiator to use ABORT TASK (i.e. ABTS) on old tasks if it receives the unit attention condition from the logical unit - that itself proves the tasks are gone.</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-90		57	9.1.2.5 TASK MANAGEMENT FLAGS field	<p>CLEAR TASK SET description</p> <p>"A task for an initiator other than the initiator that sent the CLEAR TASK SET may be ended in the target. The initiator for that task shall determine by a timeout that the task did not finish. Subsequent retries fail because the task resources have been cleared in the target, so the initiator shall clear the Exchange resources with a recovery abort sequence. See 12.3."</p> <p>The "may be ended" is too vague - SAM-3 requires they be ended. This is discussing details that are best left to SAM-3.</p> <p>This text might be trying to describe the ramifications of the SAM-3 rules; reword more as a note if that is the case.</p>			
HPQ-91		57	9.1.2.5 TASK MANAGEMENT FUNCTION flags	<p>CLEAR ACA description</p> <p>There is no such thing as "contingent allegiance" in SAM-3.</p> <p>This is restating rules best left to SAM-3.</p>			
HPQ-92		58	9.1.2.5 TM Flags field	<p>NOTE 4</p> <p>"TASK ABORTED completion status" s/b "the TASK ABORTED status"</p>			
HPQ-93		58	9.1.2.7 RDDATA and WRDATA bits	<p>NOTE 5</p> <p>Change: with the RSP_CODE field to "FCP_CMND fields invalid"</p> <p>to with the RSP_CODE field set to 02h (i.e., FCP_CMND fields invalid)</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-94		58	9.1.2.5 TASK MANAGEMENT FUNCTION flags	<p>ABORT TASK SET description</p> <p>"all tasks in the task set from the initiator requesting the ABORT TASK SET to be aborted"</p> <p>Actually, all tasks from the I_T nexus requesting the ABORT TASK SET are aborted, not all tasks from the initiator.</p> <p>This is restating SAM-3 rules that are best left to SAM-3.</p>			
HPQ-95		58	9.1.2.6 ADDITIONAL FCP_CDB LENGTH field	<p>Change: "The value of the ADDITIONAL FCP_CDB LENGTH field shall be zero"</p> <p>to</p> <p>"The ADDITIONAL FCP_CDB LENGTH field shall be set to zero"</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-96		58	Global	<p>"command" and "operation" are used inconsistently for unidirectional and bidirectional commands.</p> <p>I suggest this terminology be used:</p> <p>Type of command -> operations used by the command read command -> read operation(s) write command -> write operation(s) bidirectional command -> read operation(s) and write operation(s)</p> <p>There are several places where a rule is described for "read operations" that applies to the read portion of a bidirectional command or "write operations" that also applies to the write portion of a bidirectional command, but the rule is then restated for bidirectional commands. This could lead to inconsistency.</p> <p>If there is concern that "read command" might be interpreted as only the READ opcode and "write command" might be interpreted as only the WRITE opcode, introduce/define them as "read command (e.g., INQUIRY, REPORT LUNS, MODE SENSE, READ, and RECEIVE DIAGNOSTIC RESULTS)" and "write command (e.g., MODE SELECT, SEND DIAGNOSTIC, and</p>			
HPQ-97		59	9.1.3 ABORT TASK	<p>This does not belong in the FCP_CMND IU subclause. Move the details to somewhere else (e.g. 4.9) and just have the FCP_CMND subclause point there from the TASK MANAGEMENT FLAGS field table 20 as "Note: the ABORT TASK task management function is described in 4.9")</p>			
HPQ-98		60	9.2.1 FCP_XFER_RDY overview	<p>"FCP_XFER_RDY IUs shall be transmitted preceding each write FCP_DATA IU" mixes plural and singular, and s/b "An FCP_XFER_RDY IU shall be transmitted preceding each write FCP_DATA IU".</p>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
HPQ-99		60	9.2.2 FCP_DATA_RO	In this subclause add "This is the "Offset of the data being transferred" field defined in FC-FS-2. And add "This is the "Length of the data being transferred" field defined in FC-FS-2.			
IBM-001	E		Change History	The change history needs to be deleted before this document goes to public review.		Accepted	Done
IBM-002	E		Introduction	This << The Fibre Channel Protocol for SCSI, Third revision (FCP-3) standard has six annexes. >> should be changed to << The Fibre Channel Protocol for SCSI, Third revision (FCP-3) standard has the following annexes. >> as there are only five. A number here is always wrong and there is no need for it.		Accepted	Done
IBM-003	E	1	2.2 Published standard and technical report references	I find it hard to believe you have to reference FCP for anything normative is this standard. This << ANSI X3.269-1996, Fibre Channel Protocol for SCSI (FCP) >> should be deleted.		The first sentence in the Scope refers to FCP.	
IBM-004	E	2	3.1.1 access controls:	This << the set of initiators that have access to a target.>> should be << the set of initiator ports that have access to a SCSI target device.>>		Rejected. All three access controls definitions have been removed. See Emulex-01	Done
IBM-005	E	2	3.1.1 access controls:	This <<The access control is enforced by the target >> should be << The access control is enforced by the SCSI target device>>		Rejected. All three access controls definitions have been removed. See Emulex-01	Done
IBM-006	E	2	3.1.1 access controls:	This << sent to the target by the managing application client that is used by >> should be << sent to the SCSI target device by the managing application client that is used by >>		Rejected. All three access controls definitions have been removed. See Emulex-01	Done
IBM-007	E	2	3.1.2 access controls data:	This << the target to control the set of initiators that have access to the target >> should be << the SCSI target device to control the set of initiators that have access to the SCSI target device >>		Rejected. All three access controls definitions have been removed. See Emulex-01	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-008	E	2	3.1.3 access controls enrollment state:	This << A state established in the target by the managing application client. The state governs the behavior of the target in controlling the set of initiators that have access to the target (see SPC-3)>> should be << A state established in the SCSI target device by the managing application client. The state governs the behavior of the SCSI target device in controlling the set of initiator ports that have access to the SCSI target device (see SPC-3)>>		Rejected. All three access controls definitions have been removed. See Emulex-01	Done
IBM-009	E	3	3.1.23 fully qualified exchange identifier:	This << identify an FCP I/O operation. See 5.1.>> should be << identify an FCP I/O operation (see 5.1). >>		Accepted	Done
IBM-010	E	3	3.1.28 initiator:	This << the word 'initiator' also refers to an FCP_Port using the Fibre Channel protocol to perform >> should be << the word initiator also refers to an FCP_Port using the Fibre Channel protocol to perform >>		Accepted	Done
IBM-011	E	3	3.1.29 initiator port identifier:	This << Address a target uses to identify the initiator device (see SAM-3). >> should be <<A value by which a SCSI initiator port is referenced within a domain (see SAM-3).>>		Accepted	Done
IBM-012	E	4	3.1.31 logical unit:	This <<A target resident entity that implements a device model and processes SCSI commands sent by an application client (see SAM-3). >> should be << A SCSI target device object, containing a device server and task manager, that implements a device model and manages tasks to process commands sent by an application client (see SAM-3). >>		Accepted	Done
IBM-013	E	5	3.1.58 tag:	This << The initiator-specified component of a task identifier that uniquely identifies one task among the several tasks coming from an initiator to a logical unit. >> should be << The application client specified component of a task identifier that uniquely identifies one task among the several tasks coming from an application client to a logical unit. >>		Accepted	Done
IBM-014	E	5	3.1.59 target:	The definition titled << target >> should be << changed to << SCSI target port >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-015	E	5	3.1.59 target:	This << A SCSI device that receives SCSI commands and directs such commands to one or more logical units for execution. In this standard, the word 'target' also refers to an FCP_Port using the Fibre Channel protocol to perform the SCSI target functions defined by SAM-3 >> should be << A SCSI target device object that contains a task router and acts as the connection between device servers and task managers and the service delivery subsystem through which indications and responses are routed (see SAM-3). In this standard, the term SCSI target port also refers to an FCP_Port using the Fibre Channel protocol to perform the SCSI target port functions defined by SAM-3 >>		Accepted	Done
IBM-016	E	5	3.1.62 task attribute:	This should be << The queuing specification for a task (SIMPLE, ORDERED, HEAD OF QUEUE, ACA) (see SAM-3). >> should be << This should be << The queuing specification for a task (e.g., SIMPLE, ORDERED, HEAD OF QUEUE, ACA) (see SAM-3). >>		Accepted	Done
IBM-017	E	6	3.2 Abbreviations	This << FCP X3.269-1996, Fibre Channel Protocol for SCSI (see 2.2). Also: referring both to FCP and to this standard. >> should be << FCP Refers to this standard. >>			
IBM-018	E	6	3.2 Abbreviations	Add SPC-2 to the list.		Rejected. Removed SPC-2 from the published references list.	Done
IBM-019	E	6	3.2 Abbreviations	This << SCSI-3 Small Computer System Interface-3, the SCSI architecture specified by SAM-3 and extended by the companion standards referenced in SAM-3. >> is completely incorrect and false statement and should be deleted.		Accepted	Done
IBM-020	E	8	3.4 Editorial conventions, last paragraph	This << precedence to resolve the conflicts is text; then tables; and finally figures. Exceptions >> should be << precedence to resolve the conflicts is text, then tables, and finally figures. Exceptions >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-021	E	9	4.1 Structure and concepts, 3rd paragraph	This << Fibre Channel Arbitrated Loop (FC-AL) is an alternative multiple port topology that allows communication between two ports on the loop or between a port on >> should be << Fibre Channel Arbitrated Loop-2 (FC-AL-2) is an alternative multiple port topology that allows communication between two ports on the loop or between a port on >>		Accepted	Done
A	E	9	4.1 Structure and concepts	Global - a.b.c lists and 1,2,3 lists should not have line spaces between the items in the list. This needs to be fixed.			
IBM-023	E	9	4.1 Structure and concepts	Having all this space between the start of a sentence and the end of the sentence is not a good idea. Move the table anchor to it's own paragraph and this will not be a problem.		Accepted	Done
IBM-024	E	10	4.2 Device management, 1st paragraph	This << for the execution of one SCSI command, including the local storage address and characteristics of data to be transferred by the command. >> should be << for the processing of one SCSI command, including the local storage address and characteristics of data to be transferred by the command. >>		Accepted	Done
IBM-025	E	10	4.2 Device management, 1st paragraph	This << The execution of the individual steps of the protocol is consistent with the SCSI architectural model as defined by SAM-3. >> should be << The processing of the individual steps of the protocol is consistent with the SCSI architectural model as defined by SAM-3. >>		Accepted	Done
IBM-026	E	11	4.2 Device management, 4th paragraph	This << When the device server for the command has completed the interpretation of the command and has determined that read data transfer is required, the FCP_Port that is the target transmits a solicited data IU to the initiator containing the FCP_DATA IU payload. >> should be << When the device server for the command has completed the interpretation of the command and has determined that read data transfer is required, the target FCP_Port transmits a solicited data IU to the initiator FCP_Port. The solicited data IU shall contain the FCP_DATA IU payload. >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-027	E	11	4.2 Device management, 5th paragraph	This << The FCP_Port that is the initiator then transmits the solicited data IU to the target containing the FCP_DATA IU payload >> should be << The initiator FCP_Port then transmits the solicited data IU to the target FCP_Port. The solicited data IU shall contain the FCP_DATA IU payload >>		Accepted	Done
IBM-028	E	11	4.2 Device management, 5th paragraph	This << the FCP_Port that is the target transmits a solicited data IU to the initiator containing the FCP_DATA IU payload. >> should be << the target FCP_Port transmits a solicited data IU to the initiator FCP_Port. The solicited data IU shall contain the FCP_DATA IU payload. >>		Accepted	Done
IBM-029	E	11	4.2 Device management, 8th paragraph	This << The target shall present the FCP_RSP using the IU that allows command linking, I5 (see 5.3). The initiator shall continue the same Exchange with an FCP_CMND IU, beginning the next SCSI command. >> should be << The target FCP_Port shall present the FCP_RSP using the IU that allows command linking, I5 (see 5.3). The initiator FCP_Port shall continue the same Exchange with an FCP_CMND IU, beginning the next SCSI command. >>		Accepted	Done
IBM-030	E	12	4.2 Device management, 8th paragraph	This << linked in the FCP I/O operation except the last are executed in the manner described above. SAM-3 defines the >> should be << linked in the FCP I/O operation except the last are processed in the manner described above. SAM-3 defines the >>		Accepted	Done
IBM-031	E	12	4.2 Device management, 9th paragraph	This<< If command queueing resources are unavailable in the target when a command is received, the >> should be << If command queueing resources are unavailable in the logical unit when a command is received, the >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-032	E	12	4.2 Device management, last paragraph	This << SCSI allows the initiator function in any FCP_Port and the target function in any FCP_Port. For FCP I/O operations between a host and a peripheral subsystem, the host typically takes on the initiator role and the peripheral subsystem typically takes on the target role. For host to host communications, either one of the communicating pair may take on the initiator role. For device to device communications, typically used to implement extended copy and other third-party operations, the initiator role is adopted by the managing FCP device. >> should be << SCSI allows the SCSI initiator port function in any FCP_Port and the SCSI target port function in any FCP_Port. For FCP I/O operations between a host and a peripheral subsystem, the host typically takes on the SCSI initiator port role and the peripheral subsystem typically takes on the target role. For host to host communications, either one of the communicating pair may take on the SCSI initiator port role. For device to device communications, typically used to implement extended copy and other third-party op		Accepted	Done
IBM-033	E	12	4.4 Precise delivery of SCSI commands, 1st paragraph	This << delivery and execution of SCSI commands is often not critical. Any changes in execution sequence caused by link failures or switch latencies are not important and the recovery and retry mechanisms may be executed while other activities are continued by the application client and the device server. >> should be << delivery and processing of SCSI commands is often not critical. Any changes in processing sequence caused by link failures or switch latencies are not important and the recovery and retry mechanisms may be processed while other activities are continued by the application client and the device server. >>		Accepted	Done
IBM-034	E	12	4.4 Precise delivery of SCSI commands, 2nd paragraph	This << the commands are guaranteed to be executed in order. >> should be << the commands are guaranteed to be processed in order. >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-035	E	12	4.4 Precise delivery of SCSI commands, 3rd paragraph	The term << EPDC>> should be in small caps.		Accepted	Done
IBM-036	E	13	4.4 Precise delivery of SCSI commands, 5th paragraph	The term << EPDC>> should be in small caps.		Accepted	Done
IBM-037	E	13	4.4 Precise delivery of SCSI commands, item a)	This << See tables 4 and 5 for the actions that cause the CRN to be transmitted by the initiator to be set to one and the CRN expected by the device server to be set to one. >> should be << See table 4 and table 5 for the actions that cause the CRN to be transmitted by the initiator FCP_Port to be set to one and the CRN expected by the device server to be set to one. >>. Note there are two changes in this sentence.		Accepted	Done
IBM-038	E	13	4.4 Precise delivery of SCSI commands, last paragraph	This << required for that command. For example, commands such as INQUIRY, TEST UNIT READY, REPORT LUNS and MODE SENSE/SELECT used for booting and initialization may use a CRN of zero. >> should be << required for that command (e.g., commands such as INQUIRY, TEST UNIT READY, REPORT LUNS and MODE SENSE/SELECT used for booting and initialization may use a CRN of zero). >>		Accepted	Done
IBM-039	E	13	4.5 Confirmed completion of FCP I/O Operations, 1st paragraph	This << PRLI parameters are used to determine that confirmed completion is accepted by an initiator and may be requested by a target communicating with that initiator. >> should be << PRLI parameters are used to determine that confirmed completion is accepted by an initiator FCP_Port and may be requested by a target FCP_Port communicating with that initiator FCP_Port. >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-040	E	13	4.5 Confirmed completion of FCP I/O Operations, 2nd paragraph	This << A target may invoke the confirmed completion function by setting the FCP_CONF_REQ bit to one in the FCP_RSP IU. Upon receiving the request in the FCP_RSP IU, the initiator shall transmit an FCP_CONF IU to the target, indicating to the target that the FCP_RSP IU has been received by the initiator. >> should be << A target FCP_Port may invoke the confirmed completion function by setting the FCP_CONF_REQ bit to one in the FCP_RSP IU. Upon receiving the request in the FCP_RSP IU, the initiator FCP_Port shall transmit an FCP_CONF IU to the target FCP_Port , indicating to the target FCP_Port that the FCP_RSP IU has been received by the initiator FCP_Port. >>		Accepted	Done
IBM-041	E	14	4.5 Confirmed completion of FCP I/O Operations, 3rd paragraph	This << The confirmed completion function allows the retry of unsuccessful notifications of errors and confirms that the initiator and the target both agree upon the state of a state dependent device. >> should be << The confirmed completion function allows the retry of unsuccessful notifications of errors and confirms that the initiator FCP_Port and the target FCP_Port both agree upon the state of a state dependent device. >>		Accepted	Done
IBM-042	E	14	4.5 Confirmed completion of FCP I/O Operations, 6th paragraph	This << If command linking is being performed, the target shall not request confirmed completion for an FCP_RSP IU containing INTERMEDIATE status. The target may request confirmed completion >> should be << If command linking is being performed, the target FCP_Port shall not request confirmed completion for an FCP_RSP IU containing INTERMEDIATE status. The target FCP_Port may request confirmed completion >>		Accepted	Done
IBM-043	E	14	4.5 Confirmed completion of FCP I/O Operations, 1st a,b,c list item a)	This << linked commands, or >> should be << linked commands; or >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-044	E	14	4.5 Confirmed completion of FCP I/O Operations, 2nd a,b,c, list item a)	This << may be used to confirm that an initiator has received an FCP_RSP IU reporting a SCSI CHECK CONDITION status, together with accompanying autosense data. Upon receiving the FCP_CONF IU, the target may discard its copy of the autosense data. >> should be << may be used to confirm that an initiator FCP_Port has received an FCP_RSP IU reporting a SCSI CHECK CONDITION status, together with accompanying autosense data. Upon receiving the FCP_CONF IU, the target FCP_Port may discard its copy of the autosense data. >>		Accepted	Done
IBM-045	E	14	4.5 Confirmed completion of FCP I/O Operations, 2nd a,b,c list	This list is not formed correctly. It should be a)...; b)...; and c)....		Accepted	Done
IBM-046	E	14	4.5 Confirmed completion of FCP I/O Operations, 2nd a,b,c, list item b)	This <<has been successfully transferred to the initiator. That allows subsequent queued state dependent operations to be performed, since the FCP_CONF IU confirms that the FCP_RSP IU has been received by the initiator. >> should be << has been successfully transferred to the initiator FCP_Port. That allows subsequent queued state dependent operations to be performed, since the FCP_CONF IU confirms that the FCP_RSP IU has been received by the initiator FCP_Port.>>		Accepted	Done
IBM-047	E	14	4.5 Confirmed completion of FCP I/O Operations, 2nd a,b,c, list item b)	This << be used to confirm that an initiator has received the FCP_RSP IU for targets that require state dependent synchronization with initiators. >> should be << be used to confirm that an initiator FCP_Port has received the FCP_RSP IU for target FCP_Ports that require state dependent synchronization with initiator FCP_Ports. >>		Accepted	Done
IBM-048	E	14	4.6 Retransmission of unsuccessfully transmitted data	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-049	E	14	4.7 Task retry identification	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.		Accepted	Done
IBM-050	E	15	4.7 Task retry identification, last paragraph	This << Devices that agree to perform recovery shall support task retry identification. If both devices agree to support task retry identification, a task >> should be << FCP_Ports that agree to perform recovery shall support task retry identification. If both the initiator FCP_Port and target FCP_Port agree to support task retry identification, a task >>		Accepted	Done
IBM-051	E	15	4.7 Task retry identification, last paragraph	This << If the devices do not agree to support task retry identification, the PARAMETER field is zero >> should be << If the FCP_Ports do not agree to support task retry identification, the PARAMETER field is zero >>		Accepted	Done
IBM-052	E	15	4.8 Discovery of FCP capabilities	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause including those in table 2.		Accepted	Done
IBM-053	E	16	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, 1st paragraph	This are << FCP target objects >>? Do you mean << target FCP_Ports. >>? or something else. If so how does that relate to SAM-3 objects? This needs to be fixed.			
IBM-054	E	16	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, 1st paragraph	This << A 'Y' in the corresponding column of either table indicates the object is cleared to its default, saved, or initial value within the >> does not make sense. What is << initial value within the device >> supposed to mean?		Accepted, remove initial value since it is the same as default value.	Done
IBM-055	E	16	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, 1st paragraph second sentence	The term << upon >> is the wrong font.		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-056	E	16	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, 1st paragraph	This << Rows indicating an effect for all initiator ports have the specified effect on all ports, regardless of the link that attaches the initiator port to the target. >> should be << Rows indicating an effect for all initiator FCP_Ports have the specified effect on all initiator FCP_Ports and all target FCP_Ports, regardless of the link that attaches the initiator FCP_Port to the target FCP_Port. >>		Accepted	Done
IBM-057	E	17	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 4 - in two places in header	I have no idea what a << Target object >> is. I will assume it is the << Target FCP_Port >>. If so change it, if not then what is it?			
IBM-058	E	17	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 4	The term <<initiator port >> should be changed to << initiator FCP_Port >> in all cases in this table.		Accepted.	Done
IBM-059	E	17	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 4	Why are there some cells with only one << N >> for two rows? What is that supposed to mean? Every row entry needs to have a N, Y, or -. This needs to be fixed.		Accepted. Added N to appropriate entries.	Done
IBM-060	E	17	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 4	This << The Target shall clear the object only if ESTABLISH IMAGE PAIR is set >> should be << The target FCP_Port shall clear the object only if ESTABLISH IMAGE PAIR is set >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-061	E	17	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 4	This<< A target port should send PRLO to all logged-in initiator ports >> should be << A target FCP_Port should send PRLO to all logged-in initiator ports >>		Accepted	Done
IBM-062	E	18	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 5	(in two places in header) I have no idea what a << Target object >> is. I will assume it is the << Target FCP_Port >>. If so change it, if not then what is it?"			
IBM-063	E	18	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 5	The term <<initiator port >> should be changed to << initiator FCP_Port >> in all cases in this table.		Accepted	Done
IBM-064	E	18	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 5	Why are there some cells with only one << N >> for two rows? What is that supposed to mean? Every row entry needs to have a N, Y, or -. This needs to be fixed.		Accepted. Added N to appropriate entries.	Done
IBM-065	E	18	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 5	This << shall be individually aborted by the initiator via the recovery >> should be << shall be individually aborted by the initiator FCP_Port via the recovery >>		Accepted	Done
IBM-066	E	18	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 5	This << For multiple-LUN targets, CLEAR TASK SET, ABORT >> should be << For multiple-logical unit SCSI target devices, CLEAR TASK SET, ABORT >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-067	E	18	4.10 Clearing effects of task management, FCP, FC-FS-2, FC-LS, and FC-AL-2 actions, Table 5	This << affect only the addressed LUN. >> should be << affect only the addressed logical unit. >>		Accepted	Done
IBM-068	E	19	4.13 Port Login/Logout	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.		Accepted	Done
IBM-069	E	20	5.1 FCP addressing and Exchange identification, 2nd paragraph	This << Addressability of logical units uses the logical unit number provided in the FCP_CMND IU. >> should be << Addressability of logical units uses the LUN provided in the FCP_CMND IU. >>		Accepted, except used FCP_LUN field instead of LUN.	Done
IBM-070	E	20	5.1 FCP addressing and Exchange identification, Last paragraph	This << The target uses the OX_ID, and, if it has >> should be << The target FCP_Port uses the OX_ID, and, if it has >>		Accepted	Done
IBM-071	E	20	5.2 Use of World Wide Names, 1st paragraph	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this paragraph		Accepted	Done
IBM-072	E	20	5.2 Use of World Wide Names, Last paragraph	This << unit having a LUN of 0 may be the same as the Node_Name of the target. The Worldwide_Name for the port shall be different from the Worldwide_Name for the node. >> should be << unit having a LUN of 0 may be the same as the Node_Name of the SCSI target device. The Worldwide_Name for the target FCP_Port shall be different from the Worldwide_Name for the node. >>		Accepted	Done
IBM-073	E	20	5.3 FCP Information Units (IUs), 1st paragraph	This << for IUs sent to targets, and in table 7 for IUs sent to initiators. Each >> should be << for IUs sent to target FCP_Ports, and in table 7 for IUs sent to initiator FCP_Ports. Each >>		Accepted	Done
IBM-074	E	20	5.3 FCP Information Units (IUs)	Having all this space between the start of a sentence and the end of the sentence is not a good idea. Move the table anchor to it's own paragraph and this will not be a problem.		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-075	E	21	5.3 FCP Information Units (IUs), Table 6 title	This <<sent to targets >> should be << sent to target FCP_Ports >>		Accepted	Done
IBM-076	E	21	5.3 FCP Information Units (IUs), Table 6	The term << SCSI-3 >> should be << SCSI >> as there is no such thing as SCSI-3.		Accepted	Done
IBM-077	E	22	5.3 FCP Information Units (IUs), Table 7 title	This <<sent to initiators >> should be << sent to initiator FCP_Ports >>		Accepted	Done
IBM-078	E	22	5.3 FCP Information Units (IUs), Table 7	The term << SCSI-3 >> should be << SCSI >> as there is no such thing as SCSI-3.		Accepted	Done
IBM-079	E	23	5.4.1 FC-FS-2 frame header	Global - None of the field names are in small caps except parameter. All field names have to be changed to small caps in the tables and everywhere those values are used in text.		Accepted	Done
IBM-080	E	24	5.4.2.12 PARAMETER field, 3rd paragraph	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this paragraph			
IBM-081	E	25	6.2 Overview of Process Login/Logout	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-082	E	25	6.2 Overview of Process Login/Logout, last paragraph	This << Process Login has two actions that can be performed, selected by the ESTABLISH IMAGE PAIR bit (see 6.3.4): >> should be << Process Login has two actions that may be performed, selected by the ESTABLISH IMAGE PAIR bit (see 6.3.4): >>			
IBM-083	E	26	6.3.1 Use of Process Login by the Fibre Channel protocol, 3rd paragraph	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this paragraph			
IBM-084	E	26	6.3.1 Use of Process Login by the Fibre Channel protocol, 3rd paragraph	This << Some capabilities require support by both the Originator and Responder before they can be used (see 6.3.4). >> should be << Some capabilities require support by both the Originator and Responder before they are able to be used (see 6.3.4). >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-085	E	28	Word 3, Bit 9: TASK RETRY IDENTIFICATION REQUESTED:	This << then it shall be used between the initiator and all logical units for that port. The >> should be << then it shall be used between the initiator FCP_Port and all logical units address through that initiator FCP_Port. The >>			
IBM-086	E	28	Word 3, Bit 8: RETRY:	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-087	E	28	Word 3, Bit 7: CONFIRMED COMPLETION ALLOWED:	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> and the term << initiator function >> should be << initiator FCP_Port function >> and the term << target function >> should be << target FCP_Port function>>in all cases in this subclause.			
IBM-088	E	29	Word 3, Bit 6: DATA OVERLAY ALLOWED:	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> and the term << initiator function >> should be << initiator FCP_Port function >> and the term << target function >> should be << target FCP_Port function>>in all cases in this subclause.			
IBM-089	E	29	Word 3, Bit 6: DATA OVERLAY ALLOWED:	This << in the application client buffer more than once during execution of a command. >> should be << in the application client buffer more than once during processing of a command. >>			
IBM-090	E	29	Word 3, Bit 5: INITIATOR FUNCTION:	The term << initiator >> should be << initiator FCP_Port >> and the term << initiator function >> should be << initiator FCP_Port function >> in all cases in this subclause.			
IBM-091	E	29	Word 3, Bit 4: TARGET FUNCTION:	The term << target >> should be << target FCP_Port >> and the term << target function >> should be << target FCP_Port function>>in all cases in this subclause.			
IBM-092	E	29	Word 3, Bit 1: READ FCP_XFER_RDY DISABLED:	This << Targets shall not send FCP_XFER_RDY on read operations. >> should be << Target FCP_Ports shall not send FCP_XFER_RDY on read operations. >>			

Company-#	T/E	Phy Page	Sec/table/figure locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-093	E	29	Word 3, Bit 0: WRITE FCP_XFER_RDY DISABLED:	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-094	E	31	6.5 Read Exchange Concise (REC), item e)	This << number of bytes transmitted by the target for a read. >> should be << number of bytes transmitted by the target FCP_Port for a read. >>			
IBM-095	E	32	7.1 Overview of FC-4 specific objects for the Fibre Channel protocol	This << of the operations which can be performed to register objects with a Name >> should be << of the operations which are performed to register objects with a Name >>			
IBM-096	E	32	7.2 FC-4 Features object, 3dr paragraph	This << Request CT_IU, which requests the FC-4 Features object for a specified >> should be << Request CT_IU, that requests the FC-4 Features object for a specified >>			
IBM-097	E	32	7.2 FC-4 Features object, 1st paragraph	This << unit with logical unit number 0 of the FCP_Port, as specified by SPC-3. For >> should be << unit with LUN 0 of the FCP_Port, as specified by SPC-3. For >>			
IBM-098	E	33	8.2 Sequence Retransmission Request (SRR)	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-099	E	33	Addressing:, 1st paragraph	This << The S_ID field designates the initiator requesting the information retransmission. The D_ID field designates the target that is to receive the request. In the event that the target responds to the SRR with an FCP_RJT, the target shall return CHECK CONDITION status with the sense key set to HARDWARE ERROR and the additional sense code set to INITIATOR DETECTED ERROR MESSAGE RECEIVED. A target that has agreed during PRLI to support retransmission should not reject requests for retransmission of the requested frames >> should be << The S_ID field designates the initiator FCP_Port requesting the information retransmission. The D_ID field designates the target FCP_Port that is to receive the request. In the event that the target FCP_Port responds to the SRR with an FCP_RJT, the device server shall return CHECK CONDITION status with the sense key set to HARDWARE ERROR and the additional sense code set to INITIATOR DETECTED ERROR MESSAGE RECEIVED. A target FCP_Port that has agreed during PRLI to support retransmission should not reject requests for retransmission of the requested frames >>			
IBM-100	E	34	Addressing:, 1st paragraph	This << units that do not support retransmission on a target that supports retransmission for other logical units shall be >> should be << units that do not support retransmission on a target FCP_Port that supports retransmission for other logical units shall be >>			
IBM-101	E	34	Payload for SRR FCP FC-4 Link Service request:	Global - None of the field names are in small caps except parameter. All field names have to be changed to small caps in the tables and everywhere those values are used in text.			
IBM-102	E	34	Payload for SRR FCP FC-4 Link Service request:, 2nd paragraph under table 13	This << Relative Offset of the lowest byte the initiator has identified as requiring retransmission. >> should be << Relative Offset of the lowest byte the initiator FCP_Port has identified as requiring retransmission. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-103	E	37	9.1.1 FCP_CMND IU format, 1st paragraph	This << of bits is set in the FCP_CMND IU, the target shall respond with an FCP_RSP IU containing >> should be << of bits is set in the FCP_CMND IU, the target FCP_Port shall respond with an FCP_RSP IU containing >>			
IBM-104	E	37	9.1.2.1 FCP_LUN field, 1st paragraph	This << logical unit in the attached subsystem. >> should be <<logical unit in the SCSI target device. >> s			
IBM-105	E	38	9.1.2.1 FCP_LUN field, 2nd paragraph	This << Each target shall accept an INQUIRY command addressed to logical unit with logical unit number 0. If logical unit numbers other than zero are supported by the target, logical unit number 0 shall implement >> should be << Each target FCP_Port shall accept an INQUIRY command addressed to LUN 0. If LUNs other than zero are supported by the SCSI target device, LUN 0 shall implement >>		Accepted	
IBM-106	E	38	9.1.2.1 FCP_LUN field, Last paragraph	This << the target shall report that the logical unit number is incorrect or that >> should be << the SCSI target device shall report that the logical unit number is incorrect or that >>			
IBM-107	E	38	9.1.2.2 COMMAND REFERENCE NUMBER field	The term << initiator >> should be << initiator FCP_Port >> in all cases in this subclause.			
IBM-108	E	39	9.1.2.5 TASK MANAGEMENT FLAGS field, 1st paragraph	This << shall be requested by the initiator (Exchange Originator) using >> should be << shall be requested by the initiator FCP_Port (Exchange Originator) using >>			
IBM-109	E	39	9.1.2.5 TASK MANAGEMENT FLAGS field, 1st paragraph	This << function shall not be executed and the FCP_RSP IU that indicates completion of the task management >> should be << function shall not be processed and the FCP_RSP IU that indicates completion of the task management >>			
IBM-110	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 5th paragraph in CLEAR ACA	This << The CLEAR ACA is transmitted by the initiator (Exchange Originator) using a new Exchange. >> should be << The CLEAR ACA is transmitted by the initiator FCP_Port (Exchange Originator) using a new Exchange. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-111	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 5th paragraph in CLEAR ACA	This << It shall not be sent to a target with a NORMACA bit equal to zero in the INQUIRY data. >> should be << It shall not be sent to a logical unit with a NORMACA bit equal to zero in the INQUIRY data. >>			
IBM-112	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 2nd paragraph LOGICAL UNIT RESET	This << The LOGICAL UNIT RESET is transmitted by the initiator (Exchange Originator) using a new Exchange. LOGICAL UNIT RESET resets the internal states of the target and logical unit as shown in 4.10. >> should be << The LOGICAL UNIT RESET is transmitted by the initiator FCP_Port (Exchange Originator) using a new Exchange. LOGICAL UNIT RESET resets the internal states of the target FCP_Port and logical unit as shown in 4.10. >>.			
IBM-113	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 2nd paragraph LOGICAL UNIT RESET	This << cleared by the following mechanisms. >> should be << cleared by the following mechanisms: >>			
IBM-114	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, item a) logical unit reset	This << A recovery abort sequence (see 12.3) may be generated by the initiator that sent the LOGICAL UNIT RESET for each task in the logical unit known to that initiator. >> should be << A recovery abort sequence (see 12.3) may be generated by the initiator FCP_Port that sent the LOGICAL UNIT RESET for each task in the logical unit known to that initiator FCP_Port;>>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-115	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, item b) LOGICAL UNIT RESET	This << A task for an initiator other than the initiator that sent the LOGICAL UNIT RESET may be ended in the target. The initiator for that task shall determine by a timeout that the task did not finish. Subsequent retries fail because the task resources have been cleared in the target, so the initiator shall clear the Exchange resources with a recovery abort sequence. See 12.3. >> should be << A task for an initiator FCP_Port other than the initiator FCP_Port that sent the LOGICAL UNIT RESET may be ended in the logical unit. The initiator FCP_Port for that task shall determine by a timeout that the task did not finish. Subsequent retries fail as a result of the task resources have been cleared in the logical unit, so the initiator FCP_Port shall clear the Exchange resources with a recovery abort sequence. See 12.3; or >>			
IBM-116	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, item b) LOGICAL UNIT RESET	This << A task for an initiator other than the initiator that sent the LOGICAL UNIT RESET may be completed by returning CHECK CONDITION status with the sense key set to UNIT ATTENTION and the additional sense code set to POWER ON, RESET, OR BUS DEVICE RESET OCCURRED. The initiator shall then clear all other tasks for that target and logical unit using the ABORT TASK task management function. See 9.1.3. >> should be << A task for an initiator FCP_Port other than the initiator FCP_Port that sent the LOGICAL UNIT RESET may be completed by returning CHECK CONDITION status with the sense key set to UNIT ATTENTION and the additional sense code set to POWER ON, RESET, OR BUS DEVICE RESET OCCURRED. The initiator FCP_Port shall then clear all other tasks for that target FCP_Port and logical unit using the ABORT TASK task management function. See 9.1.3. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-117	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 1st paragraph CLEAR TASK SET	This << tasks from all initiators in the specified task set to be aborted as defined >> should be << tasks from all initiator FCP_Ports in the specified task set to be aborted as defined >>			
IBM-118	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 2nd paragraph CLEAR TASK SET	This << is transmitted by the initiator (Exchange Originator) using a new Exchange. CLEAR TASK SET resets internal states of the target as shown in 4.10. >> should be << is transmitted by the initiator FCP_Port (Exchange Originator) using a new Exchange. CLEAR TASK SET resets internal states of the target FCP_Port as shown in 4.10. >>			
IBM-119	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, 2nd paragraph CLEAR TASK SET	This << or more of the following mechanisms. >> should be << or more of the following mechanisms: >>			
IBM-120	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, item a) CLEAR TASK SET	This <<A recovery abort sequence (see 12.3) may be generated by the initiator that sent the CLEAR TASK SET for each task known to that initiator. >> should be << A recovery abort sequence (see 12.3) may be generated by the initiator FCP_Port that sent the CLEAR TASK SET for each task known to that initiator FCP_Port;>>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-121	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, item b) CLEAR TASK SET	This << A task for an initiator other than the initiator that sent the CLEAR TASK SET may be ended in the target. The initiator for that task shall determine by a timeout that the task did not finish. Subsequent retries fail because the task resources have been cleared in the target, so the initiator shall clear the Exchange resources with a recovery abort sequence. See 12.3. >> should be << A task for an initiator FCP_Port other than the initiator FCP_Port that sent the CLEAR TASK SET may be ended in the logical unit. The initiator FCP_Port for that task shall determine by a timeout that the task did not finish. Subsequent retries fail because the task resources have been cleared in the logical unit, so the initiator FCP_Port shall clear the Exchange resources with a recovery abort sequence. See 12.3; or >>			
IBM-122	E	40	9.1.2.5 TASK MANAGEMENT FLAGS field, item b) CLEAR TASK SET	This << A task for an initiator other than the initiator that sent the CLEAR TASK SET may be completed by returning CHECK CONDITION status with the sense key set to UNIT ATTENTION and the additional sense code set to POWER ON, RESET, OR BUS DEVICE RESET OCCURRED. The initiator shall then clear all other tasks for that target using the ABORT TASK task management function. See 9.1.3. >> should be << A task for an initiator FCP_Port other than the initiator FCP_Port that sent the CLEAR TASK SET may be completed by returning CHECK CONDITION status with the sense key set to UNIT ATTENTION and the additional sense code set to POWER ON, RESET, OR BUS DEVICE RESET OCCURRED. The initiator FCP_Port shall then clear all other tasks for that target FCP_Port using the ABORT TASK task management function. See 9.1.3. >>			
IBM-123	E	41	9.1.2.5 TASK MANAGEMENT FLAGS field, ABORT TASK SET	The term << initiator >> should be << initiator FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-124	E	41	9.1.2.7 RDDATA and WRDATA bits, 1st, 2nd, and 3rd paragraphs	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >>.			
IBM-125	E	41	9.1.2.7 RDDATA and WRDATA bits, 5th paragraph	This << The target shall return CHECK CONDITION status with the sense key set to ILLEGAL REQUEST and the >> should be << The device server shall return CHECK CONDITION status with the sense key set to ILLEGAL REQUEST and the >>			
IBM-126	E	41	9.1.2.7 RDDATA and WRDATA bits, NOTE 5	This << Targets compliant to previous versions of this standard may terminate the command >> should be << Device servers compliant to previous versions of this standard may terminate the command >>			
IBM-127	E	42	9.1.3 Additional mechanisms for performing task management functions - ABORT TASK, 1st paragraph	This << The ABORT TASK task management function causes the target to abort the specified task using the recovery abort protocol, if the task exists. The action is defined in SAM-3. The ABORT TASK is performed by the initiator (Exchange Originator) using the recovery abort (see 12.3). The specified Exchange shall be terminated by the initiator using the recovery abort. >> should be << The ABORT TASK task management function causes the device server to abort the specified task using the recovery abort protocol, if the task exists. The action is defined in SAM-3. The ABORT TASK is performed by the initiator FCP_Port (Exchange Originator) using the recovery abort (see 12.3). The specified Exchange shall be terminated by the initiator FCP_Port using the recovery abort. >>			
IBM-128	E	42	9.2.1 Overview and format of FCP_XFER_RDY IU	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-129	E	43	9.2.1 Overview and format of FCP_XFER_RDY IU, 3rd paragraph	This << given FCP names for use in this document. >> should be << given FCP names for use in this standard>>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-130	E	43	9.2.2 FCP_DATA_RO field, 1st paragraph	This<< This may be used by the target to request data out of order >> should be << This may be used by the target FCP_Port to request data out of order >>			
IBM-131	E	43	9.2.3 FCP_BURST_LENGTH field, 1st paragraph	This << requests the transfer from the initiator of an IU of that length. The >> should be << requests the transfer from the initiator FCP_Port of an IU of that length. The >>			
IBM-132	E	44	9.3.1 FCP_DATA IU overview	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-133	E	44	9.3.2 FCP_DATA IUs for SCSI read and SCSI write operations	Except as noted in the other comment on this subclause the term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-134	E	44	9.3.2 FCP_DATA IUs for SCSI read and SCSI write operations, 2nd paragraph	This << data beyond FCP_DL be transferred, the target shall set the FCP_RESID_OVER bit (see 9.4.8) to one in the FCP_RSP IU and >> should be << data beyond FCP_DL be transferred, the device server shall set the FCP_RESID_OVER bit (see 9.4.8) to one in the FCP_RSP IU and >>			
IBM-135	E	45	9.3.3 FCP_DATA IUs for bidirectional SCSI commands	Except as noted in the other 2 comments on this subclause the term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-136	E	45	9.3.3 FCP_DATA IUs for bidirectional SCSI commands, 3rd paragraph	This << If a bidirectional command requested that data beyond FCP_DL be transferred, the target shall set the FCP_RESID_OVER bit (see 9.4.8) to one in the FCP_RSP IU and shall: >> should be << If a bidirectional command requested that data beyond FCP_DL be transferred, the device server shall set the FCP_RESID_OVER bit (see 9.4.8) to one in the FCP_RSP IU and shall: >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-137	E	45	9.3.3 FCP_DATA IUs for bidirectional SCSI commands, Paragraph above 2nd a,b,c, list	This << If a bidirectional command requests that data beyond the value specified in the FCP_BIDIRECTIONAL_READ_DL field be transferred, the target shall set the FCP_BIDI_READ_RESID_OVER bit (see 9.4.5) to one in the FCP_RSP IU and shall: >> should be << If a bidirectional command requests that data beyond the value specified in the FCP_BIDIRECTIONAL_READ_DL field be transferred, the device server shall set the FCP_BIDI_READ_RESID_OVER bit (see 9.4.5) to one in the FCP_RSP IU and shall: >>			
IBM-138	E	46	9.4.1 Overview and format of FCP_RSP IU, 5th paragraph	This << If a SCSI device error is detected by a target while the target has Sequence Initiative for the Exchange associated with the error, the target should complete any Sequence that has already been started, keep Sequence Initiative and transmit an FCP_RSP IU with CHECK CONDITION status and the sense data that describes the error. If a SCSI device error is detected by a target while the target does not have Sequence Initiative for the Exchange associated with the error, it shall wait until Sequence Initiative has been returned and then transmit an FCP_RSP IU with CHECK CONDITION status and the sense data that describes the error. >> should be << If a SCSI device error is detected by a target FCP_Port while the target FCP_Port has Sequence Initiative for the Exchange associated with the error, the target FCP_Port should complete any Sequence that has already been started, keep Sequence Initiative and an FCP_RSP IU with CHECK CONDITION status and the sense data that describes the error transmitted. If a SCSI device error is detected by a device server while			
IBM-139	E	46	9.4.1 Overview and format of FCP_RSP IU, 6th paragraph	This << the target may implicitly terminate the affected Exchange. >> should be << the target FCP_Port may implicitly terminate the affected Exchange. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-140	E	48	9.4.6 FCP_CONF_REQ bit	This << An FCP_CONF_REQ bit of one indicates that the initiator shall transmit an FCP_CONF IU to confirm receipt of the CP_RSP Sequence. An FCP_CONF_REQ bit of zero indicates that the initiator shall not transmit an FCP_CONF IU. >> should be << An FCP_CONF_REQ bit of one indicates that the initiator FCP_Port shall transmit an FCP_CONF IU to confirm receipt of the CP_RSP Sequence. An FCP_CONF_REQ bit of zero indicates that the initiator FCP_Port shall not transmit an FCP_CONF IU. >>			
IBM-141	E	48	9.4.10 FCP_RSP_LEN_VALID bit, 1st paragraph	This << When the FCP_RSP_LEN_VALID bit is set to one, the content of the SCSI STATUS CODE field is not reliable and shall be ignored by the initiator. >> should be << When the FCP_RSP_LEN_VALID bit is set to one, the content of the SCSI STATUS CODE field is not reliable and shall be ignored by the application client. >>			
IBM-142	E	48	9.4.10 FCP_RSP_LEN_VALID bit, 2nd paragraph	This << For task management functions transmitted to the target using an FCP_CMND IU, the FCP_RSP_LEN_VALID bit shall be set to one, the >> should be << For task management functions transmitted to the logical unit using an FCP_CMND IU, the FCP_RSP_LEN_VALID bit shall be set to one, the >>			
IBM-143	E	49	9.4.12 FCP_RESID field, 6th paragraph	This << Targets are not required to verify that the data length implied by the contents of the CDB cause an overrun or underrun before beginning execution of a SCSI command. >> should be << Device servers are not required to verify that the data length implied by the contents of the CDB cause an overrun or underrun before beginning processing of a SCSI command. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-144	E	49	9.4.12 FCP_RESID field, NOTE 6	This << Some early target implementations presented the FCP_RSP IU without the FCP_RESID, FCP_SNS_LEN, and FCP_RSP_LEN fields if the FCP_RESID_UNDER, FCP_RESID_OVER, FCP_SNS_LEN_VALID, and FCP_RSP_LEN_VALID bits were all set to zero. Initiators should be tolerant of this non-standard behavior. >> should be << Some early device server implementations presented the FCP_RSP IU without the FCP_RESID, FCP_SNS_LEN, and FCP_RSP_LEN fields if the FCP_RESID_UNDER, FCP_RESID_OVER, FCP_SNS_LEN_VALID, and FCP_RSP_LEN_VALID bits were all set to zero. Application clients should be tolerant of this non-standard behavior. >>			
IBM-145	E	50	9.4.13 FCP_BIDIRECTIONAL_READ_RESID field, 4th paragraph	This << Targets are not required to verify that the data length implied by the contents of the CDB cause an overrun or underrun before beginning execution of a SCSI command. >> should be << Device servers are not required to verify that the data length implied by the contents of the CDB cause an overrun or underrun before beginning processing of a SCSI command. >>			
IBM-146	E	50	9.4.16 FCP_RSP_INFO field, 1st paragraph	This << failures detected during the execution of an FCP I/O operation. If none >> should be << failures detected during the processing of an FCP I/O operation. If none >>			
IBM-147	E	50	9.4.16 FCP_RSP_INFO field, 1st paragraph	This << The FCP_RSP_INFO field shall contain valid information if the target detects any of the conditions indicated by an FCP_RSP_CODE. >> should be << The FCP_RSP_INFO field shall contain valid information if the target FCP_Port detects any of the conditions indicated by an FCP_RSP_CODE. >>			
IBM-148	E	51	9.4.16 FCP_RSP_INFO field, 2nd to last paragraph	This<< If the RSP_CODE indicates 'Task Management function failed', the state of the target is unknown. >> should be << If the RSP_CODE indicates 'Task Management function failed', the state of the logical unit is unknown. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-149	E	52	9.5 FCP_CONF IU	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-150	E	53	10.1 Overview of mode page codes for the Fibre Channel protocol	This << Clause 10 describes the block descriptors and the pages >> should be << This clause describes the block descriptors and the pages >>			
IBM-151	E	53	10.2.1 Overview and format of Disconnect-Reconnect mode page for FCP, 1st paragraph	This << The initiator communicates with the device server to determine what values are most appropriate for a device server. The device server communicates the parameter values in this mode page to the target port, normally the Fibre Channel interface circuitry. This communication is internal to the target and FCP device and is outside the scope of this standard. >> should be << The application client communicates with the device server to determine what values are most appropriate for a device server. The device server communicates the parameter values in this mode page to the target FCP_Port, normally the Fibre Channel interface circuitry. This communication is internal to the SCSI target device and FCP device and is outside the scope of this standard. >>			
IBM-152	E	55	10.2.3 BUFFER EMPTY RATIO field	This << should be prior to transmitting an FCP_XFER_RDY IU that requests the initiator to send data. >> should be << should be prior to transmitting an FCP_XFER_RDY IU that requests the initiator FCP_Port to send data. >>			
IBM-153	E	55	10.2.4 BUS INACTIVITY LIMIT field, 1st paragraph	This << The BUS INACTIVITY LIMIT field indicates the maximum time that the target is permitted to maintain an interconnect >> should be << The BUS INACTIVITY LIMIT field indicates the maximum time that the target FCP_Port is permitted to maintain an interconnect >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-154	E	55	10.2.4 BUS INACTIVITY LIMIT field, 1st paragraph	This << and the target holding the bus detects that the limit is going to be exceeded, >> should be << and the target FCP_Port holding the bus detects that the limit is going to be exceeded, >>			
IBM-155	E	55	10.2.5 DISCONNECT TIME LIMIT field, 1st paragraph	This << Targets in configurations having the concept of interconnect tenancy >> should be << Targets FCP_Ports in configurations having the concept of interconnect tenancy >>			
IBM-156	E	55	10.2.7 MAXIMUM BURST SIZE field, 1st paragraph	This << the maximum size of all bytes in an FCP_DATA IU that the device server shall transfer to the initiator or request from the initiator. >> should be << the maximum size of all bytes in an FCP_DATA IU that the device server shall transfer to the application client or request from the application client.>>			
IBM-157	E	56	10.2.8 EMDP bit	This << The enable modify data pointers (EMDP) bit indicates whether or not the target may use the random buffer >> should be << The enable modify data pointers (EMDP) bit indicates whether or not the target FCP_Port may use the random buffer >>			
IBM-158	E	56	10.2.8 EMDP bit	This << If the EMDP bit is set to zero, the target shall generate continuously increasing relative >> should be << If the EMDP bit is set to zero, the target FCP_Port shall generate continuously increasing relative >>			
IBM-159	E	56	10.2.8 EMDP bit	This << If the EMDP bit is set to one, the target may transfer the FCP_DATA IUs for a single SCSI command >> should be << If the EMDP bit is set to one, the target FCP_Port may transfer the FCP_DATA IUs for a single SCSI command >>			
IBM-160	E	56	10.2.9 FAA, FAB, FAC bits	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-161	E	56	10.2.9 FAA, FAB, FAC bits	This << The FAA bit controls arbitration when the target wishes to send one or more FCP_DATA IU frames to an initiator. The FAB bit controls arbitration when the initiator wishes to send one or more FCP_XFER_RDY IU frames to a target. The FAC bit controls arbitration when the target wishes to send an FCP_RSP IU frame to an initiator or when the initiator wishes to send an FCP_CMND IU frames to target. >> should be << The FAA bit controls arbitration when the target FCP_Port has one or more FCP_DATA IU frames to send to an initiator FCP_Port. The FAB bit controls arbitration when the initiator FCP_Port has one or more FCP_XFER_RDY IU frames to send to a target FCP_Port. The FAC bit controls arbitration when the target FCP_Port has an FCP_RSP IU frame to send to an initiator FCP_Port or when the initiator FCP_Port has an FCP_CMND IU frames to send to a target FCP_Port. >>			
IBM-162	E	56	10.2.10 FIRST BURST SIZE field	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-163	E	58	10.4.2 DISABLE TARGET ORIGINATED LOOP INITIALIZATION (DTOLI) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-164	E	58	10.4.3 DISABLE TARGET INITIATED PORT ENABLE (DTIPE) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-165	E	58	10.4.4 ALLOW LOGIN WITHOUT LOOP INITIALIZATION (ALWLI)	This <<shall use the hard address available in the Single Connector Attach - 2 (SCA-2) SFF-8067 connector or in device >> should be << shall use the hard address available in the SCA-2 connector (see SFF-8067) or in device >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-166	E	58	10.4.4 ALLOW LOGIN WITHOUT LOOP INITIALIZATION (ALWLI)	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-167	E	58	10.4.5 REQUIRE HARD ADDRESS (RHA) bit	This << its hard address available in the SCA-2 SFF-8067 connector or device address jumpers during loop >> should be << its hard address available in the SCA-2 connector (see SFF-8067) or device address jumpers during loop >>			
IBM-168	E	58	10.4.5 REQUIRE HARD ADDRESS (RHA) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-169	E	59	10.4.6 DISABLE LOOP MASTER (DLM) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-170	E	59	10.4.7 DISABLE DISCOVERY (DDIS) bit	This << shall not require receipt of Address or Port Discovery (ADISC or PDISC ELSs) following loop initialization as >> should be << shall not require receipt of Address or Port Discovery (i.e., ADISC or PDISC ELSs) following loop initialization as >>			
IBM-171	E	59	10.4.7 DISABLE DISCOVERY (DDIS) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-172	E	59	10.4.8 PREVENT LOOP PORT BYPASS (PLPB) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-173	E	59	10.4.9 DISABLE TARGET FABRIC DISCOVERY (DTFD) bit	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-174	E	60	10.4.10 SEQUENCE INITIATIVE RESOURCE RECOVERY TIMEOUT VALUE (RR_TOVSEQ_INIT) field, 1st paragraph	This << The RR_TOVSEQ_INIT (see 11.4) field is defined by bytes 6 and 7 in the following manner. >> should be << The RR_TOVSEQ_INIT timer (see 11.4) operation is defined by the RR_TOVSEQ_INIT field and the RR_TOV INITS field. >>			
IBM-175	E	61	11.1 Summary of timers for the Fibre Channel protocol	Global - The correct abbreviation for seconds is << s >> not << sec >> or << sec. >> or << seconds >>. This needs to be fixed throughout this standard starting with table 30.		Accepted, look at style guide for abbrv for seconds.	
IBM-176	E	61	11.1 Summary of timers for the Fibre Channel protocol, table 30 note 2 and note 4	The term << target >> should be << target FCP_Port >>			
IBM-177	E	62	11.2 Error_Detect Timeout (E_D_TOV), 2nd to last paragraph	This << Target devices that support Class 2 shall implement this timer for the purpose of timing out missing ACKs. >> should be << Target FCP_Ports that support Class 2 shall implement this timer for the purpose of timing out missing ACKs. >>			
IBM-178	E	62	11.4 Resource Recovery Timeout (RR_TOV)	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-179	E	63	11.5 Read Exchange Concise Timeout Value (REC_TOV)	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-180	E	63	11.6 Upper Level Protocol Timeout (ULP_TOV), Last paragraph	This << caused by command queuing and multi-initiator congestion. >> should be << caused by command queuing and multi-initiator FCP_Port congestion. >>			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-181	E	64	12.1.1 Exchange level error recovery, 2nd paragraph	This << To recover from these errors, all FCP compliant initiators shall be capable of invoking the recovery abort function to terminate a failing exchange and to recover the associated resources as described in 12.3. All FCP compliant targets shall be capable of executing the requested recover >> should be << To recover from these errors, all FCP compliant initiator FCP_Ports shall be capable of invoking the recovery abort function to terminate a failing exchange and to recover the associated resources as described in 12.3. All FCP compliant target FCP_Ports shall be capable of processing the requested recover >>			
IBM-182	E	64	12.1.2 Sequence level error recovery	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-183	E	64	12.2.2 FCP-3 error detection using protocol errors for all classes of service	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-184	E	66	12.3.1 Recovery abort requirements, last paragraph	This << All FCP initiators shall be capable of invoking the recovery abort protocol to terminate failing commands for later retry (see 9.1.2.5). All FCP targets shall >> should be << All initiator FCP_Ports shall be capable of invoking the recovery abort protocol to terminate failing commands for later retry (see 9.1.2.5). All target FCP_Ports shall >>			
IBM-185	E	66	12.3.2 Initiator invocation of recovery abort	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-186	E	66	12.3.2 Initiator invocation of recovery abort, 2nd paragraph	This << effect immediately. For example, if ABTS is sent following transmission of a READ command, the initiator may receive some or all of the requested read data before receiving the BA_ACC to the ABTS. >> should be << effect immediately (e.g., if ABTS is sent following transmission of a READ command, the initiator may receive some or all of the requested read data before receiving the BA_ACC to the ABTS). >>			
IBM-187	E	66	12.3.3 Target response to recovery abort	The term << target >> should be << target FCP_Port >> in all cases in this subclause including in the subclause title.			
IBM-188	E	67	12.3.4 Additional error recovery by initiator	The term << initiator >> should be << initiator FCP_Port >> in all cases in this subclause including the title of the subclause.			
IBM-189	E	67	12.3.5 Additional error recovery by target	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause including the subcaluse title.			
IBM-190	E	68	12.4.1.1 Polling Exchange state with REC	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-191	E	68	12.4.1.1 Polling Exchange state with REC	This << Exchange. Subclauses 12.4.1.2 through 12.4.1.8 define optional error detection and recovery procedures for acknowledged and unacknowledged classes of service. >> should be << Exchange. Optional error detection and recovery procedures for acknowledged and unacknowledged classes of service are defined in 12.4.1.2, 12.4.1.3, 12.4.1.4, 12.4.1.5, 12.4.1.6, 12.4.1.7, and 12.4.1.8. >>			
IBM-192	E	68	12.4.1.2 Detection of errors while polling with REC	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-193	E	68	12.4.1.3 FCP_CMND IU recovery using information from REC	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-194	E	68	12.4.1.4 FCP_XFER_RDY IU recovery	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-195	E	68	12.4.1.4 FCP_XFER_RDY IU recovery, 2nd paragraph	This<< but not received by the initiator, issue an SRR in a new Exchange to request retransmission of the FCP_XFER_RDY IU.>> does not make any sense. Perhaps there is supposed to be a << then >>. If so it would become << but not received by the initiator, then the target FCP_Port issues an SRR in a new Exchange to request retransmission of the FCP_XFER_RDY IU.>>			
IBM-196	E	69	12.4.1.5 FCP_RSP IU recovery	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-197	E	70	12.4.1.6 FCP_DATA IU recovery - write operations	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-198	E	70	12.4.1.7 FCP_DATA IU recovery - read operations	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause except as noted in the other comment in this subclause.			
IBM-199	E	70	12.4.1.7 FCP_DATA IU recovery - read operations, 2nd paragraph	This << the target shall send an FCP_RSP IU with CHECK CONDITION status and sense data containing a sense key of HARDWARE ERROR and an additional sense code of INITIATOR DETECTED ERROR MESSAGE RECEIVED. >> should be << the device server shall send an FCP_RSP IU with CHECK CONDITION status and sense data containing a sense key of HARDWARE ERROR and an additional sense code of INITIATOR DETECTED ERROR MESSAGE RECEIVED. >>			
IBM-200	E	70	12.4.1.8 FCP_CONF IU recovery	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause except as noted in the other comment in this subclause.			
IBM-201	E	71	12.4.2.2 Missing ACK	The term << target >> should be << target FCP_Port >> in all cases in this subclause.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-202	E	71	12.4.2.3 Distinguishing Exchange to be aborted	The term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-203	E	72	12.5.1 ABTS	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause.			
IBM-204	E	72	12.5.2 REC	The term << initiator >> should be << initiator FCP_Port >> in all cases in this subclause.			
IBM-205	E	72	12.5.3 SRR	The term << initiator >> should be << initiator FCP_Port >> in all cases in this subclause.			
IBM-206	E	72	12.6 Responses to FCP type frames before PLOGI or PRLI	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this subclause			
IBM-207	E	72	12.6 Responses to FCP type frames before PLOGI or PRLI, Last paragraph	This << If an FCP device receives a frame of category 0001b or 0011b (solicited data or solicited control) and the FCP >> should be << If an FCP device receives a frame of category 0001b or 0011b (i.e., solicited data or solicited control) and the FCP >>			
IBM-208	E	73	A.1 Definition of procedure terms, 1st paragraph	This << FCP-3 services are provided to the application client by the initiator to request and manage tasks as described by the SAM-3 standard. SAM-3 further defines how the target enables the device server to receive and process the tasks addressed to a logical unit. The Fibre Channel protocol is described in terms of the services provided by the initiator and target. >> should be << FCP-3 services are provided to the application client by the initiator FCP_Port to request and manage tasks as described by the SAM-3 standard. SAM-3 further defines how the target FCP_Port enables the device server to receive and process the tasks addressed to a logical unit. The Fibre Channel protocol is described in terms of the services provided by the initiator FCP_Port and target FCP_Port . >>			
IBM-209	E	73	A.1 Definition of procedure terms, table A.1	This << initiator port >> should be << initiator FCP_Port >>.			

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-210	E	73	A.1 Definition of procedure terms, table A.1	This << target port >> should be << target FCP_Port >>			
IBM-211	E	77	B.1.2 SCSI FCP read operation, Annex B	All the tables that have column titles of << Initiator function >> and <<Target function >> should be << Initiator FCP_Port function >> and << Target FCP_Port function >>.			
IBM-212	E	90	C.1 Introduction, Figure c.1	This << REC can be optionally used at any time to ascertain status of an Exchange. It can also be used in conjunction with ABTS(Sequence) to obtain additional information useful in the Error Recovery process. >> should be << REC may be used at any time to ascertain status of an Exchange. It may also be used in conjunction with ABTS(Sequence) to obtain additional information useful in the Error Recovery process. >>		Accepted.	
IBM-213	E	92	C.1 Introduction, Figure C.3	This << Both the initiator and target establish Recovery Qualifiers. >> should be << Both the initiator FCP_Port and target FCP_Port establish Recovery Qualifiers. >>		Accepted.	Done
IBM-214	E	93	C.1 Introduction, Figure C.4	This << CNT of FCP_CMND. Note that the issuance of RRQ is not necessary in this case, since the >> should be << CNT of FCP_CMND. The issuance of RRQ is not necessary in this case, since the >>		Accepted.	Done
IBM-215	E	93	C.1 Introduction, Figure C.4	This << target has not established a Recovery Qualifier. However, the initiator cannot reclaim the >> should be << target FCP_Port has not established a Recovery Qualifier. However, the initiator FCP_Port is not able to reclaim the >>		Accepted.	Done
IBM-216	E	94	C.1 Introduction, Figure C-5	This << indicates the initiator holds Sequence Initiative and the Exchange is open. The initiator sends an SRR requesting the FCP_XFER_RDY be resent. The target resends the >> should be << indicates the initiator FCP_Port holds Sequence Initiative and the Exchange is open. The initiator FCP_Port sends an SRR requesting the FCP_XFER_RDY be resent. The target FCP_Port resends the >>		Accepted.	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-217	E	95	C.1 Introduction, Figure C.6	This << by the initiator. The BA_ACC payload is SEQ_ID invalid, low SEQ_CNT = 0, high SEQ_CNT = SEQ_CNT in ABTS frame = 1. Both target and initiator establish Recovery Qualifiers. >> should be << by the initiator FCP_Port. The BA_ACC payload is SEQ_ID invalid, low SEQ_CNT = 0, high SEQ_CNT = SEQ_CNT in ABTS frame = 1. Both target FCP_Port and initiator FCP_Port establish Recovery Qualifiers. >>		Accepted	Done
IBM-218	E	96	C.1 Introduction, Figure C.7	This << FCP_XFER_RDY was received by the initiator. >> should be << FCP_XFER_RDY was received by the initiator FCP_Port. >>		Accepted	Done
IBM-219	E	96	C.1 Introduction, Figure C.7	This <<There is no need for the target to issue >> should be << There is no need for the target FCP_Port to issue >>		Accepted	Done
IBM-220	E	97	C.1 Introduction, Figure C.8	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-221	E	98	C.1 Introduction, Figure C.9	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-222	E	99	C.1 Introduction, Figure C.10	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-223	E	100	C.1 Introduction, Figure C.11	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-224	E	100	C.1 Introduction, Figure C.11	This << The associated resources cannot be reused for a period of R_A_TOV. For in-order delivery, >> should be << The associated resources is not able to be reused for a period of R_A_TOV. For in-order delivery, >>		Accepted	Done
IBM-225	E	101	C.1 Introduction, Figure C.12	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-226	E	101	C.1 Introduction, Figure C.12	This << he associated resources cannot be reused for a period of R_A_TOV.>> should be << he associated resources is not able to be reused for a period of R_A_TOV.>>		Accepted	Done
IBM-227	E	102	C.1 Introduction, Figure C.13	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-228	E	104	C.1 Introduction, Figure C.15	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-229	E	106	C.1 Introduction, Figure C.17	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-230	E	108	C.1 Introduction, Figure C.19	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-231	E	110	C.1 Introduction, Figure C.21	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-232	E	110	C.1 Introduction, Figure C.21	This << FCP_RSP can be received anytime after the transmission of FCP_CMND due to out of order delivery. >> should be << FCP_RSP may be received anytime after the transmission of FCP_CMND due to out of order delivery. >>		Accepted	Done
IBM-233	E	111	C.1 Introduction, Figure C.22	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-234	E	111	C.1 Introduction, Figure C.22	This << FCP_RSP can be received at any time after the last FCP_DATA frame has been transmitted.>> should be << FCP_RSP may be received at any time after the last FCP_DATA frame has been transmitted.>>		Accepted	Done
IBM-235	E	112	C.1 Introduction, Figure C.23	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/figure locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-236	E	112	C.1 Introduction, Figure C.23	This << discarded and the context for the Exchange can be purged.>> should be << discarded and the context for the Exchange is able to be purged.>>		Accepted	Done
IBM-237	E	114	C.1 Introduction, Figure C.25	The term << initiator >> should be << initiator FCP_Port >> and the term << target >> should be << target FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-238	E	114	C.1 Introduction, Figure C.25	This << The resources associated with the Recovery Qualifier can be reclaimed when R_A_TOV expires. >> should be << The resources associated with the Recovery Qualifier are able to be reclaimed when R_A_TOV expires. >>		Accepted	Done
IBM-239	E	115	C.1 Introduction, Figure C.26	This << received, the target would view the ABTS as having been issued on a new Exchange. >> should be << received, the target FCP_Port views the ABTS as having been issued on a new Exchange. >>		Accepted	Done
IBM-240	E	116	C.1 Introduction, Figure C.27	This << indicates that the REC was never received by the target. >> should be << indicates that the REC was never received by the target FCP_Port. >>		Accepted	Done
IBM-241	E	117	C.1 Introduction, Figure C.28	The term << initiator >> should be << initiator FCP_Port >> in all cases in this figure.		Accepted	Done
IBM-242	E	120	C.1 Introduction, Figure C.31	This << The Recovery Qualifier is established on the initiator side and is timed out >> should be << The Recovery Qualifier is established on the initiator FCP_Port side and is timed out >>		Accepted	Done
IBM-243	E	123	D.1.1 Initiator discovery of Fabric attached targets, 1st paragraph	This << The following procedure may be used by initiators for discovering and authenticating >> should be << The following procedure may be used by initiator FCP_Ports for discovering and authenticating >>		Accepted	Done
IBM-244	E	123	D.1.1 Initiator discovery of Fabric attached targets	The title if this subclause should be changed to << D.1.1 Discovery of Fabric-attached target FCP_Ports		Accepted	Done
IBM-245	E	123	D.1.1 Initiator discovery of Fabric attached targets	This 1,2,3 list is not in the correct form. It should be It should be 1)....; 2)....; x-1)....; and x).....		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-246	E	123	D.1.1 Initiator discovery of Fabric attached targets, Item 7	This << If the INQUIRY succeeds, issue a REPORT LUNS command to LUN 0 to obtain a list of the logical units accessible through the target >> should be << If the INQUIRY succeeds, issue a REPORT LUNS command to LUN 0 to obtain a list of the logical units accessible through the target FCP_Port >>		Accepted	Done
IBM-247	E	123	D.1.2 Initiator discovery of loop-attached targets, 1st paragraph	This << The following procedure may be used by initiators for discovering and >> should be << The following procedure may be used by initiator FCP_Ports for discovering and >>		Accepted	Done
IBM-248	E	123	D.1.2 Initiator discovery of loop-attached targets	This title of this section should be << D.1.2 Discovery of loop-attached target FCP_Ports		Accepted	Done
IBM-249	E	124	D.1.2 Initiator discovery of loop-attached targets, Item 1)	This << to identify those devices that are present on the loop >> should be << to identify SCSI devices that are present on the loop >>		Rejected. At this point it is unknown what the device is.	Done
IBM-250	E	124	D.1.2 Initiator discovery of loop-attached targets, Item 2)	This << if the device is determined to be an >> should be << if the SCSI device is determined to be an >>		Rejected. Can't declare the device as a SCSI device until a PRLI Accept is received.	Done
IBM-251	E	124	D.1.2 Initiator discovery of loop-attached targets	This 1,2,3 list is not in the correct form. It should be 1)....; 2)....; x-1)....; and x).....		Accepted	Done
IBM-252	E	124	D.1.2 Initiator discovery of loop-attached targets, item 3)	This << units supported by the target >> should be << units access through the target FCP_Port >>		Accepted. Changed to "... to obtain a list of the logical units accessible through the target FCP_Port."	Done
IBM-253	E	124	D.1.2 Initiator discovery of loop-attached targets, Item 4)	The term << EVPD >> needs to be in small caps.		Accepted	Done
IBM-254	E	124	D.2 Fabric and Device Authentication	This 1,2,3 list is not in the correct form. It should be It should be 1)....; 2)....; x-1)....; and x).....		Accepted	Done
IBM-255	E	124	D.2 Fabric and Device Authentication, Item 2)	This << All N_Ports and NL_Ports, including initiators and targets, validate the current >> should be << All N_Ports and NL_Ports, including initiator FCP_Ports and target FCP_Ports, validate the current >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-256	E	124	D.2 Fabric and Device Authentication, item 3)	This << Address Identifier of that port. >> should be << Address Identifier of that FCP_Port. >>		Rejected. This is talking about PLOGI thus can't declare the port as an FCP_Port until a PRLI Accept is received.	Done
IBM-257	E	124	D.2 Fabric and Device Authentication, Item 4)	This << Initiators and targets validate N_Port and NL_Port logins following >> should be << Initiator FCP_Ports and target FCP_Ports validate N_Port and NL_Port logins following >>		Accepted	Done
IBM-258	E	124	D.2 Fabric and Device Authentication, item 4)	This << all open Exchanges with that initiator or target are terminated (>> should be << all open Exchanges with that initiator FCP_Port or target FCP_Port are terminated (>>		Accepted	Done
IBM-259	E	124	D.3 Logical unit authentication, 1st paragraph	The term << EVPD >> needs to be in small caps.		Accepted	Done
IBM-260	E	124	D.3 Logical unit authentication, 1st paragraph	This term << LUN >> needs to be in small caps.		Accepted	Done
IBM-261	E	125	E.2.1 Abort Sequence (ABTS) Request fields, 1st paragraph	This << The initiator or target may transmit an ABTS Frame. >> should be << The initiator FCP_Port or target FCP_Port may transmit an ABTS Frame. >>		Accepted	Done
IBM-262	E	125	E.2.1 Abort Sequence (ABTS) Request fields, Table E.1 1st row	This << the ABTS Initiator may not have Sequence Initiative for the Sequence being aborted). >> should be << the ABTS Initiator FCP_Port may not have Sequence Initiative for the Sequence being aborted). >>		Accepted in principle. The ABTS may be sent by an initiator FCP_Port or target FCP_Port. In other words, the text is talking about an ABTS Initiator, not a specific initiator FCP_Port or target FCP_Port. But did change Initiator to Originator.	Done
IBM-263	E	125	E.2.1 Abort Sequence (ABTS) Request fields, Table E.1 3rd row	This << any Exchange) between that pair of ports. >> should be << any Exchange) between that pair of FCP_Ports. >>		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
IBM-264	E	126	E.2.2 Basic Accept (BA_ACC) Frame to ABTS, 1st paragraph	This << An initiator or target may accept ABTS with BA_ACC. >> should be << An initiator FCP_Port or target FCP_Port may accept ABTS with BA_ACC. >>		Accepted	Done
IBM-265	E	126	E.2.2 Basic Accept (BA_ACC) Frame to ABTS, Table E.2	This << ABTS Initiator for Abort Sequence >> should be << ABTS Initiator FCP_Port for Abort Sequence >>		Accepted in principle. The ABTS may be sent by an initiator FCP_Port or target FCP_Port. In other words, the text is talking about an ABTS Initiator, not a specific initiator FCP_Port or target FCP_Port. But did change Initiator to Originator.	Done
IBM-266	E	126	E.2.3 Basic Reject (BA_RJT) Frame to ABTS, 1st paragraph	This << A target may reject ABTS with BA_RJT. When it does, >> should be << A target FCP_Port may reject ABTS with BA_RJT. When it does, >>		Accepted. And added initiator FCP_Port.	Done
IBM-267	E	127	E.3.1 RRQ request format, table E.4	This << Source_ID of the initiator >> should be << Source_ID of the initiator FCP_Port>>		Accepted	Done
IBM-268	E	127	E.3.1 RRQ request format, Last paragraph	This << of the RRQ, the target responds with ACC. >> should be << of the RRQ, the target FCP_Port responds with ACC. >>		Accepted	Done
Seagate-01	E		Global	Globally, The word protocol in: Fibre Channel Protocol is sometimes capitalized and sometimes not. The use of a capital Protocol better differentiates that the protocol defined by this standard is being referenced	Change all Fibre Channel protocol to Fibre Channel Protocol	Accepted	Done
Seagate-02	E	9	4.1	If FC-FS-2 is being used, this reference should be FC-AL-2. Note, FC-AL-2 is used in other places in the document.	Change references from FC-AL to FC-AL-2. A global change would be good.	Accepted	Done
Seagate-03	E	17	4.1	In Table 4, the text in the table notes is running into the border on the right side.	change format?	Accepted	Done
Seagate-04	E	18	4.12	A reference after Reset LIP(y,x) would be beneficial	Add a reference to FC-AL-2	Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Seagate-05	E	18	4.12	In Table 5, the text in the table notes is running into the border on the right side.	change format?	Accepted	Done
Seagate-06	E	19	4.15	The last sentence is not really related to the other text in this clause. 4.13 needs a comment about implicit login.	Delete this sentence in 4.15 and add in 4.13	Accepted in principle.	
Seagate-07	E	20	5.2	In the second sentence . . . by FCFS-2 and its extensions. What are extensions?	Suggest deleting "and its extensions"	Accepted	Done
Seagate-08	E	20	5.3	This does not convey that FC_DATA IUs may be multiple frame sequences. If FC_DATA IUs were required to be single frame sequences, they would satisfy this statement.	Add text to 9.3.1 FCP_DATA IU. See Seagate-009	Pending rejection, editor needs further clarification.	
Seagate-09	E	44	9.3.1	Add text to indicate the FCP_DATA IU may be a multiple frame Sequence	Add between the second and third paragraphs:FCP_DATA IUs carry the SCSI data transfers for a command. An FCP_DATA IU is a single FC Sequence consisting of one or more FC data frames	Pending rejection, editor needs further clarification.	
Seagate-10	E	53	10.1	The first sentence does not need to say "Clause 10 describes . . . Other clauses do not have this intro. Just describe the function.	Change the first sentence to: The block descriptors and pages used with MODE SELECT and MODE SENSE commands control and report the behavior of the Fibre Channel Protocol.	Accepted	Done
STK-01	E	9	4.1 par 3, first s	remove "to execute the steps required"		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
STK-02	E	9	4.1 par 4	replace "is not defined, although" with "is not defined by this standard.", (break into two sentences).		Accepted	Done
STK-03	E	9	4.1 par6	replace with "This standard defines four kinds of functional management:"		Accepted	Done
STK-04	E	10	4.2 par 3, s 1	replace "device server for the command has completed the interpretation of" with "device server has interpreted".		Accepted	Done
STK-05	E	10	4.2 par3, s 1	replace "to the initiator to indicate" with "to the initiator indicating".		Accepted	Done
STK-06	E	10	4.2 par 3, s 2	replace "FCP-Port that is the initiator" with "initiator FCP-Port".		Accepted	Done
STK-07	E	11	4.2 par of pg	replace "device server for the command has completed the interpretation of" with "device server has interpreted".		Accepted	Done
STK-08	E	11	4.2 par 3 of pg	replace "device server for the command has completed the interpretation of" with "device server has interpreted".		Accepted	Done
STK-09	T	12	4.2 par 1 of pg 12	modify last sentence to permit asking for confirmation on last FCP_RESP_IU in a series of linked commands as permitted by clause 4.5.		Accepted. Added reference to end of paragraph. "In those cases, the FCP_RSP IU of the last command in the set of linked commands shall be transmitted using the IU that does not allow command linking, I4. See 4.5."	Done
STK-10	E	12	4.2 par 1 of pg	add ",see clause 5.3" after I4.		Accepted	Done
STK-11	E	14	4.6 par 2	replace "any initiator" with "the initiator".		Accepted	Done
STK-12	E	20	5.2 par 2, first s	remove the word "vital".		Accepted	Done
STK-13	E	20	5.2 par 2, first s	replace "as defined by SPC-3." with ", see SPC-3."		Accepted	Done
STK-14	E	35	8.3	move the "FCP_RJT Reason Code Discriptions" text into Table 16.			
STK-15	E	41	9.1.2.5 last para in clause	replace "resources to be cleared may" with "resources may".		Accepted	Done
STK-16	E	42	9.2.1 first s	replace "write command" with "write operation".		Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
STK-17	E	53	10.2.1	replace first s. with "The disconnect-reconnect page (see table 26) allows the application client to modify the behavior of the service delivery subsystem."		Accepted	Done
STK-18	E	63	12.2.2	second item d on page, replace the word "reas" with "read".		Accepted	Done
Brocade -10	E	64	12.1.1	The last paragraph speaks of "this standard" expanding the error management. In fact, that was FCP-2. I believe that this paragraph should be deleted, or if not, modified so that it is descriptive of a present document rather than an "expanded" document.	Make requested changes.	Accepted. Changed to "This standard allows the use of the REC ELS to monitor the progress of active Exchanges. An FCP-3 device may accept or reject error detection inquiries."	Done
Brocade-11	E	64	12.1.2	"retransmission of individual IU" should be "retransmission of individual IUs".	Make requested changes.	Accepted	Done
Brocade-12	E	65	12.2.2	"FCP_RESDI_UNDER" should be "FCP_RESID_UNDER"	Make requested changes.	Accepted	Done
Brocade-13	E	65	12.2.2	"the reas data count" should be "the read data count".	Make requested changes.	Accepted	Done
Brocade-14	E	75	A.2	Delete A.2 through A.5 and maybe A.6	Make requested changes.	Accepted	Done
Brocade-15	E	123	D.1.1	The third sentence says the Node_Name and Port_Name "should" be "Name Identifiers". In fact, there is no other possibility in FC. Replace "should" with "are".	Make requested changes.	Accepted	Done
Late-01	T			FC-4 Descriptors has been obsoleted in FC-GS-5.	Remove all instances of FC-Descriptors	Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Late-02	T		7.2	Add text for FC-4 TYPE object support.	<p>7.2 FC-4 TYPEs object</p> <p>The FC-4 TYPEs object (see FC-GS-4) indicates a set of supported data structure type values for Device_Data and FC-4 Link_Data frames (see FC-FS-2). An FCP_Port shall register the FCP TYPE (08h) with the Name Server using the RFT_ID Request CT_IU. This registration shall precede registration of the FC-4 Features object.</p>	Accepted	Done
Late-03	T		D.1.1	Modify text to reflect the requirement to register FC-4 TYPE and FC-4 Feature information.	<p>Except for step 3, the following steps are all optional. Depending on the specific configuration and the management requirements, any step other than step 3, may be omitted and may be performed using actions outside this standard or the referenced standards.</p>	Accepted	Done

Company-#	T/E	Phy Page	Sec/table/fig locator	Problem Description	Suggested solution	Resolution	Additional Editor's Notes.
Late-04	T		D.1.1	Add PLOGI/PRLI requirement to step 6.		Accepted. Change step 6 to "For each Port Identifier returned in the Accept CT_IU for the GID_FF, perform PLOGI/PRLI and issue an INQUIRY command to LUN 0 to identify the type of target (see 6.2 and SPC-3)."	Done
Late-05	T			In 9.1.2.7 5th paragraph it states that if RDDATA and WRDATA are both set to zero, ... FCP_DL shall be set to zero. What should be done by a device that receives this without FCP_DL set to zero? Should it ignore FCP_DL, or generate an error?		Accepted. This is a protocol error. Add to list as item d) "the rddata bit and wrdata bit are both set to zero and the fcp_dl value is not zero."	Done
Late-06	T		9.3.2	For bridging devices, when FCP_DL is too small for the amount of data to be written in a write command, if the bridging device does not interpret the command but passes it to the device, the incorrect value of FCP_DL cannot be determined until the device requests data beyond FCP_DL. For that reason, we would like item b) in 9.3.2 to be modified to remove the wording "transfer no data" and only indicate that the indicated CHECK CONDITION be returned. This allows the CHECK CONDITION to be returned any time before the command completes. This operation is implied by the current wording in 9.4.11 6th paragraph.		Accepted. Add to 9.3.2 list as item c) "may transfer data and return CHECK CONDITION status with the sense key set to ABORTED COMMAND and the additional sense code set to INVALID FIELD IN COMMAND INFORMATION UNIT." Add to 9.3.3 FCP_DL list as item c) "may transfer data in either direction and return CHECK CONDITION status with the sense key set to ABORTED COMMAND and the additional sense code set to INVALID FIELD IN COMMAND INFORMATION UNIT."	Done